

# Curriculum vitae

JEAN MAWHIN

February 25, 2023

## 1 Personal

- **name** : Jean L. MAWHIN
- **born** : 1942/12/11, in Lambermont (now Verviers), Belgium
- **married** : 1966/10/29, with Marguerite BELLEFONTAINE
- **children** : Marie 1967/10/18, Valérie 1970/02/18, Jean N. 1975/04/12
- **home address** : place Hubert Delrez, 4, B-4802 Verviers, Belgium

## 2 Professional

- **professional address** : Université Catholique de Louvain, Institut de recherche en mathématique et physique, chemin du cyclotron, 2, B-1348 Louvain-la-Neuve, Belgium
- **phone** : home : +32 87 22 98 14 – office : +32 10 47 31 71 – fax : +32 10 47 25 30
- **e-mail** : jean.mawhin@uclouvain.be

## 3 Education

### 3.1 High school

1954-60 : Institut Saint-Michel, Verviers

### 3.2 University

Université de Liège :

- 1962 : Candidat en sciences (mathématiques), la plus grande distinction
- 1964 : Licencié en sciences (mathématiques), la plus grande distinction
- 1964 : Agrégé de l'enseignement secondaire supérieur, grande distinction
- 1969/02/10 : Docteur en sciences (mathématiques), la plus grande distinction

## 4 Carreer

- 1965-66 : military service (reserve artillery officer)
- Université de Liège :
  - 1964-65, 1966-70 : assistant
  - 1969-73 : maître de conférences (docent)
- Université Catholique de Louvain :
  - 1970-74 : chargé de cours (associate professor)
  - 1974-77 : professeur (professor)
  - 1977-2008 : professeur ordinaire (full professor)
  - since 2008 : professeur émérite (emeritus professor)

## 5 Courses and seminars taught at the Université Catholique de Louvain

- Calcul différentiel et calcul intégral (1<sup>e</sup> partie), 1970-2004
- Calcul différentiel et calcul intégral (2<sup>e</sup> partie), 1970-2004
- Analyse mathématique 1, 2004-07
- Analyse mathématique 2, 2004-07
- Analyse mathématique 3, 2004-08
- Problèmes aux limites pour les équations différentielles ordinaires et aux dérivées partielles, 1973-2007
- Problèmes d'analyse fonctionnelle non linéaire, 1973-2008
- Méthodologie mathématique II, 1980-81
- Approche épistémologique de la mathématique et réflexion critique sur les contenus de programmes, 1994-97
- Analyse A, 1996-97
- Équations aux dérivées partielles: problèmes d'évolution, 1996-97
- Méthodologie mathématique, 1996-99
- Équations différentielles ordinaires, 1973-74, 2001-06
- Équations aux dérivées partielles : problèmes elliptiques, 2001-06
- Projet personnel et séminaire, 2007-08

## 6 Visiting professorships

- **Università di Firenze** (Italy) : March-April 1972; April-May 1977
- **University of Michigan** (Ann Arbor, USA) : February-March 1973
- **Brown University** (Providence, USA) : April 1973
- **Universidade de Brasilia** (Brésil) : March-May 1974
- **University of Utah** (Salt Lake City, USA) : April-June 1976; April 1993; May 2002
- **Université de Paris VI** (France) : April-May 1978; May 1991; May 1998; May-June 2005
- **Colorado State University** (Ft Collins, USA) : July 1978; July 1982; August 1986
- **Université Louis-Pasteur** (Strasbourg, France) : September 1980; November 1980
- **Universität Graz** (Austria) : April 1981
- **Université de Sherbrooke** (Québec, Canada) : July 1981
- **University of Alberta** (Edmonton, Canada) : June 1984
- **Università della Calabria** (Cosenza, Italy) : July 1984
- **University of Colorado** (Boulder, USA) (**Ulam Chair**) : September-December 1986
- **Centre de Recherches Mathématiques** (Montréal, Canada) : May 1987
- **Università di Roma "La Sapienza"** (Italy) : April 1989
- **Università di Udine** (Italy) : April 1989; April 2000
- **Technische Hochschule Darmstadt** (Germany) (**Humboldt Preisträger**) : May 1990; April 1991
- **Universität Karlsruhe** (Germany) (**Humboldt Preisträger**) : June 1990; March 1991
- **Universität Würzburg** (Germany) (**Humboldt Preisträger**) : July 1990; July 1991
- **Laboratoire de Philosophie et d'Histoire des Sciences – Archives Henri-Poincaré** (Université de Nancy II) : associated member (2001-)
- **Morningside Center of Mathematics**
- **Academia Sinica** (Beijing, China) : June 1999
- **Rutgers University** (New Brunswick, USA) : October 1999; November 2009

- **Università di Torino** (Italy) : May 2000
- **University of Queensland** (Brisbane, Australie) (**Ethel Raybould Visiting Fellow**) : April 2002
- **Università di Trieste** (Italy) : September 2002; November 2018; April 2019
- **École des Hautes Etudes en Sciences Sociales** (Paris) : Janvier 2006
- **Université Paris 1 Panthéon-Sorbonne** : Janvier 2007
- **Pontificiad Universidad Católica de Chile**, Santiago : September 2012
- **Università Mediterranea di Reggio di Calabria** : November 2014
- **Università di Messina** : February 2016
- **Universidad de Granada** : May 2016

## 7 Series of lectures in other universities

- *Gent Universiteit, Belgium, Faculté Européenne Post-Universitaire des Sciences*, 1967
- *Centre de Recherches Physiques du CNRS*, Marseille, France, 1971
- *Université Libre de Bruxelles*, Belgium, 1975
- *University of Texas*, Arlington, USA, 1976
- *University of Colorado*, Boulder, USA, 1976
- *Heriot-Watt University*, Edinburgh, Scotland, 1976
- *Claremont University Center*, Claremont, USA, **Main Lecturer at the NSF-CBMS Regional Conference on Topological Degree Methods in Nonlinear Boundary Value Problems** (5 lectures), 1977,
- *Vrije Universiteit Brussel*, Belgium, **Chaire Francqui** (5 lectures), 1979-1980
- *University of Tennessee*, Knoxville, USA, **John H. Barret Memorial Lecturer** (3 lectures), 1982
- *Centre de Recherches Mathématiques*, Montréal, Canada, **Méthodes topologiques en analyse non linéaire, 22<sup>nd</sup> session of the Séminaire de mathématiques supérieures** (5 lectures), 1983
- *University of Utah*, Salt Lake City, USA, 1983
- *Emory University*, Atlanta, USA, **Distinguished Visitor Program**, 1985
- *École Polytechnique Fédérale de Lausanne*, Suisse, **Troisième Cycle Romand de Mathématiques**, 1985

- *Centre de Recherches Mathématiques*, Montréal, Canada, **Méthodes variationnelles dans les problèmes non linéaires**, 25<sup>th</sup> session of the **Séminaire de Mathématiques Supérieures** (8 lectures), 1986
- *University of Colorado*, Boulder, USA, **Ulam Distinguished Visiting Professor of Mathematics**, 1986
- *Montecatini Terme*, Italy, **CIME on Topological Methods in the theory of Ordinary Differential Equations in Finite and Infinite Dimensions** (5 lectures), 1991
- *University of Alberta*, Edmonton, Canada, **Geoffrey J. Butler Memorial Lecturer** (3 lectures), 1992.
- *University of Cape Town*, South Africa, **Summer School on Dynamical Systems and Nonlinear Analysis** (5 lectures), 1993
- *Centre de Recherches Mathématiques*, Montréal, Canada, **Topological Methods in Differential Equations and Inclusions**, 33<sup>rd</sup> session of the **Séminaire de Mathématiques Supérieures** (5 lectures), 1994
- *CISM*, Udine, Italy, **Workshop on Nonlinear Analysis and Boundary Value Problems for Ordinary Differential Equations** (3 lectures), 1995
- *École Normale Supérieure*, Lyon, France, **Rencontres Mathématiques**, principal lecturer (3 lectures), 1998
- *CMAF*, Lisbon, Portugal, **Autumn School on Nonlinear Analysis and Differential Equations** (4 lectures), 1998
- *University of Utah, Salt Lake City, USA*, **VIGRE Mini-Course on Variational Methods and Nonlinear Partial Differential Equations** (9 lectures), 2002
- *Universidad de Granada*, Spain, **Fisymat : Programa de doctorado en fisica y matematicas** (5 lectures), 2003
- *Università di Torino*, Italy, **5<sup>th</sup> Turin Fortnight on Nonlinear Analysis** (3 lectures), 2005
- *Centre Alexandre Koyré*, Paris, France (5 lectures), 2006
- *Pusan University*, Busan, South-Corea, **Dynamic Math Center Intensive Lecture Program** (5 lectures), 2008
- *Universidad do Sao Paolo*, Sao Carlos, Brazil, **Topics in Differential Equations** (3 lectures), 2009
- *Cetraro*, Italy, **CIME on Stability and Bifurcation for Non-autonomous Differential Equations** (6 lectures), 2011
- *Università di Trieste*, Trieste, Italy, **Fixed Points and Zeros of Nonlinear Mappings** (8 lectures), 2018
- *Università di Trieste*, Trieste, Italy, **Nonlinear Differential Systems with Nonlocal Boundary Conditions** (8 lectures), 2019

## 8 Distinguished lectures

- *University of Delaware*, Newark, USA  
**Distinguished Lecturer Series**, 1988
- *Universidad de Granada*, Spain  
**Opening Lecture of the Dept. Análisis Matemático for academic year 1998/98**
- *Czech Academy of Science*, Praha  
**Eduard Čech Lecture**, 2006
- *Magdeburg Universität*, Germany  
**Historische Einführung Gauss Vorlesung**, 2009
- *Centre de Recherches Mathématiques*, Montréal, Canada  
**Les Grandes Conférences du CRM**, 2009
- *Ulm Universität*, Germany  
**Descartes-Vortrag**, 2010
- *Università degli Studi di Milano*, Italy  
**Lezioni Enriques**, 2011
- *Institute of Mathematics, Polish Academy*, Warsaw  
**Professor Andrzej Lasota Lecture**, 2012
- *Belgian Mathematical Society and National Committee of Mathematics*, Brussels  
**Godeaux Lecture**, 2013
- *Universität Giessen*, Germany  
**Mathematisches Weihnachtsskolloquium**, 2013
- *Universidad de Granada*, Spain  
**Charlas abiertas IEMATH-UGR & Colloquio “Jose Mendoza Rios”**, 2016

## 9 Colloquium lectures

- **1968** :
  - Université Catholique de Louvain, Belgium
- **1969** :
  - Université Libre de Bruxelles, Belgium
- **1970** :
  - Universität des Saarlandes, Saarbrücken, West Germany
  - Université Louis-Pasteur, Strasbourg, France
- **1971** :

- Ruhr-Universität Bochum, West Germany
- **1972 :**
  - Université de Paris VI, France
  - Universität Würzburg, West Germany
- **1973 :**
  - University of Michigan, Ann Arbor, USA
  - University of Pittsburgh, USA
  - Carnegie-Mellon University, Pittsburgh, USA
  - Brown University, Providence, USA
  - Rutgers State University, New Brunswick, USA
  - University of Rhode Island, Kingston, USA
  - Colorado State University, Ft Collins, USA
  - University of Colorado, Boulder, USA
  - University of Utah, Salt Lake City, USA
- **1974 :**
  - Université de Pau, France
  - Université de Bordeaux I, France
  - Université Paul-Sabatier Toulouse, France
  - Universidad de Brasilia, Brazil
  - IMPA Rio de Janeiro, Brazil
  - Universidad Estadual de Campinas, Brazil
  - J.E. Purkyne University Brno, Czechoslovakia
  - R.W. Technische Hochschule Aachen, West Germany
- **1975 :**
  - Battelle Institute Genève, Swiss
  - Université des Sciences et des Techniques de Lille, France
- **1976 :**
  - Colorado State University, Ft Collins, USA
  - University of Colorado, Boulder, USA
  - University of Utah, Salt Lake City, USA
  - Università di Firenze, Italy
  - Georgia Institute of Technology, Atlanta, USA
  - University of Southern California, Los Angeles, USA
  - Pomona College Claremont, USA
  - Universität Bonn, West Germany

- **1977 :**
  - Université Libre de Bruxelles, Belgium
  - Università di Firenze, Italy
  - Université de Liège, Belgium
  - Università di Bari, Italy
  - Universität Graz, Austria
- **1978 :**
  - Université de Paris VI, France
  - Universität Bonn, West Germany
  - Collège de France, Paris, France
  - Universität Giessen, West Germany
  - Memphis State University, USA
  - Gesamthochschule Paderborn, West Germany
  - Universität Bremen, West Germany
- **1979 :**
  - R.W. Technische Hochschule Aachen, West Germany
  - Technische Hogeschool Delft, Holland
- **1980 :**
  - Université Louis-Pasteur Strasbourg, France
  - Scuola Internazionale Superiore di Studi Avanzati, Trieste, Italy
  - Universidad de Madrid, Spain
  - Texas A and M University, College Station, USA
- **1981 :**
  - Brown University, Providence, USA
  - Université des Sciences et des Techniques de Lille, France
  - Universität Bremen, West Germany
  - University of Cincinnati, USA
  - Universidad de Granada, Spain
  - Universität Köln, West Germany
  - ETH Zürich, Swiss
  - Universität Zürich, Swiss
- **1982 :**
  - Colorado State University, Ft Collins, USA
  - Société Royale des Sciences de Liège, Belgium
  - University of Miami, USA



- University of Utah, Salt Lake City, USA
- Università di Firenze, Italy
- Collège de France, Paris, France
- University of South Florida, Tampa, USA
- University of Alabama, Tuscaloosa, USA
- North Carolina State University, Raleigh, USA
- University of Alberta, Edmonton, Canada
- University of Minnesota, Minneapolis, USA
- Institut Henri-Poincaré, Paris, France
- Universität Heidelberg, West Germany
- Universität Karlsruhe, West Germany
- Technische Hochschule Darmstadt, West Germany

• **1983 :**

- Université Libre de Bruxelles, Belgium
- Technische Hogeschool Delft, Holland
- University of Bath, United Kingdom
- Heriot-Watt University Edinburgh, United Kingdom
- The New University of Ulster, Coleraine, United Kingdom
- University of Chicago, USA
- University of Colorado, Boulder, USA
- Northern Illinois University, De Kalb, USA

• **1984 :**

- Universität Würzburg, West Germany
- Università di Firenze, Italy
- University of Alberta, Edmonton, Canada
- Technical University of Gdansk, Poland
- Universität Augsburg, West Germany
- Katholieke Universiteit Nijmegen, Holland

• **1985 :**

- R.W. Technische Hochschule Aachen, West Germany
- Universität Köln, West Germany
- Beijing University, China

• **1986 :**

- Université Louis-Pasteur Strasbourg, France
- Colorado State University, Ft Collins, USA
- University of Colorado, Boulder, USA

- University of Utah, Salt Lake City, USA
  - Memphis State University, USA
  - University of South Florida, Tampa, USA
  - University of Alabama, Tuscaloosa, USA
  - Centro de Matematica e Aplicações Fundamentais, Lisbon, Portugal
  - Univerzity Karlovy, Prague, Czechoslovakia
  - University of California, Davis, USA
  - University of California, Santa Cruz, USA
  - Brigham Young University, Provo, USA
- **1987 :**
    - Centro de Matematica e Aplicações Fundamentais Lisbon, Portugal
    - Centre de Recherches Mathématiques, Montréal, Canada
    - Université de Sherbrooke, Canada
- **1988 :**
    - Universität Würzburg, West Germany
    - J.E. Purkyne University, Brno, Czechoslovakia
    - Institut Henri-Poincaré, Paris, France
    - Université de Sherbrooke, Canada
    - University of Alabama, Birmingham, USA
    - Université d'Ottawa, Canada
    - University College of Wales, United Kingdom
    - Universität Regensburg, West Germany
    - University of Oulu, Finland
- **1989 :**
    - Università di Firenze, Italy
    - Académie Royale de Belgique, Brussels, Belgium
    - Universität Stuttgart, West Germany
    - Università di Roma 'La Sapienza', Italy
    - Università di Pisa, Italy
    - Università di Modena, Italy
    - Università di Trieste, Italy
    - Università di Udine, Italy
    - Centre Universitaire de Luxembourg, G.D. Luxembourg
- **1990 :**
    - Universität Würzburg, West Germany
    - Georgia Institute of Technology, Atlanta, USA

- Institut Henri-Poincaré, Paris, France
- Universität Heidelberg, West Germany
- Universität Karlsruhe, West Germany
- Ludwig Universität München, West Germany
- Technische Universität München, West Germany
- Universität Ulm, West Germany
- Università di Udine, Italy

• **1991 :**

- ETH Zürich, Swiss
- Universität Zürich, Swiss
- Universität Karlsruhe, Germany
- Collège de France, Paris, France
- Universität Tübingen, Germany
- Centro de Matematica e Aplicaçoes Fundamentais, Lisbon, Portugal

• **1992 :**

- University of Warsaw, Poland
- Nicolas Copernic University, Toruń, Poland
- Banach Center, Warsaw, Poland
- Jagellonian University, Krakow, Poland
- Universität Würzburg, Germany
- Technische Universiteit Delft, Holland
- Universität Köln, Germany

• **1993 :**

- Technische Hochschule Darmstadt, Germany
- University of Wisconsin, Madison, USA
- University of Utah, Salt Lake City, USA
- Brigham Young University, Provo, USA
- Utah State University, Logan, USA
- Universität des Saarlandes, Saarbrücken, Germany
- Politecnico di Milano, Italy
- Università di Udine, Italy
- Universidad de Granada, Spain

• **1994 :**

- Collège de France, Paris, France
- Groupe de synthèses, Louvain-la-Neuve, Belgium
- Institut Henri-Poincaré, Paris, France

- Universidad de Chile, Santiago, Chile
- Universität Giessen, Germany

• **1995 :**

- Université Paul Sabatier, Toulouse, France
- Università di Pisa, Italy
- Université de Limoges, France
- Université de Nancy, France
- Universidad de Buenos Ayres, Argentina
- Instituto Argentino de Matemática, Argentina
- Universidad de Chile, Santiago, Chile
- Universität Würzburg, Germany
- University of Alabama, Birmingham, USA
- Masaryk University Brno, Czech Re

• **1996 :**

- Universität Heidelberg, Germany
- Université Henri Poincaré de Nancy 1, France
- Università di Perugia, Italy
- Centre Universitaire de Luxembourg, G.D. Luxembourg

• **1997 :**

- Universidad de Chile, Santiago, Chile
- Università di Torino, Italy
- Politecno di Milano, Italy

• **1998 :**

- Universidad de Lisboa, Portugal
- École des Mines de Nantes, France
- Université de Paris VI, France
- Facultés Universitaires Namur, Belgium
- Université de Paris IX, France

• **1999 :**

- Beijing University, China
- Morningside Center of Mathematics Academia Sinica, Beijing, China
- Beijing Institute of Technology, China
- Jagellonian University, Kraków, Poland
- Rutgers University, New Brunswick, USA
- Princeton University, USA
- Institute of Advanced Studies, Princeton, USA

- **2000 :**
  - Università di Udine, Italy
  - Università di Torino, Italy
  - Politecnico di Milano, Italy
  - University of Alabama, Birmingham, USA
  - Università di Firenze, Italy
  - Università di Modena, Italy
  - Masaryk University Brno, Czech Republic
  - Palacky University Olomouc, Czech Republic
  - Università di Palermo, Italy
  - Universidad de Granada, Spain
- **2001 :**
  - Université de Paris-Sud, Orsay, France
  - Université Paul Sabatier, Toulouse, France
  - École Polytechnique Fédérale de Lausanne, Swiss
  - Université de Bucarest, Romania
  - Waseda University Tokyo, Japan
- **2002 :**
  - University of Queensland Brisbane, Australia
  - University of Sydney, Australia
  - University of New South Wales, Sydney, Australia
  - Université de Bucarest, Romania
  - Universidad de Granada, Spain
  - West Bohemian University Plzen, Czech Republic
  - Institute of Mathematics of Czech Academy of Science, Praha, Czech Republic
- **2003 :**
  - Université Paris VI, France
  - Université de Rouen, France
  - Universidad Autonoma de Madrid, Spain
  - Universidad de Granada, Spain
- **2004 :**
  - Johann Gutenberg Universität Mainz, Germany
  - Universidad de Granada, Spain
  - Centre Alexandre Koyré, Paris, France
- **2005 :**

- University of Alabama, Birmingham, USA
- Université Paris VI, France
- Université de La Rochelle, France
- Università di Trieste, Italy
- **2006 :**
  - Académie royale de Belgique, Brussels, Belgium
  - Università di Trieste, Italy
  - Universität Köln, Germany
  - Universidade do Minho, Braga, Portugal
- **2007 :**
  - Institut Henri-Poincaré, Paris, France
  - Université Paris VI, France
  - New Mexico State University, Las Cruces, USA
  - Universidade do Aveiro, Portugal
- **2008 :**
  - Università di Torino, Italy
- **2009 :**
  - Universität Otto von Guericke, Magdeburg, Germany
  - Beijing University, China
  - Capital Normal University, Beijing, China
  - Tsinghua University, Beijing, China
  - Académie royale de Belgique, Brussels, Belgium
  - Rutgers University, New Brunswick, USA
- **2010 :**
  - Universität Ulm, Germany
  - Università di Reggio Calabria, Italy
  - École Normale du Brabant Wallon, Louvain-la-Neuve, Belgium
  - Institute of Mathematics ‘S. Stoilow’ of Romanian Academy, Bucharest, Romania
- **2011 :**
  - CREM, Institut Supérieur d’Enseignement Pédagogie, Nivelles, Belgium
  - Università di Trieste, Italy
  - Universidade do Minho, Braga, Portugal
  - Seminario Matematico e Fisico di Milano, Italy

- **2012 :**
  - Pontificia Universidad Católica de Chile, Santiago, Chile
  - National Committee of Mathematics of Belgium, Brussels
  - Universität Zürich, Swiss
  - University of Silesia, Katowice, Poland
- **2013 :**
  - Nicolaus Copernicus University in Toruń, Poland
  - Universidade do Minho, Braga, Portugal
  - Université de Paris-Sud, Orsay, France
- **2014**
  - Universität Köln, Germany
  - Bergische Universität Wuppertal, Germany
  - Università di Messina, Italy
  - Università Mediterranea di Reggio di Calabria, Italy
- **2015**
  - Université de Paris-Sud, Orsay, France
- **2016**
  - Institut Henri-Poincaré, Paris, France
- **2017**
  - Université de Paris-Sud, Orsay, France
  - Technical University of Gdansk, Poland
- **2018**
  - Comité d'histoire et de philosophie des sciences, Académie des sciences, Paris, France
  - Scuola Superiore Università di Udine, Udine, Italy
- **2019**
  - AGH Technical University, Krakow, Poland

## 10 Public lectures

- **1992 :** Académie Royale de Belgique, Brussels, Belgium
- **1994 :** Facultés Universitaires Namur, Belgium
- **1997 :** ALTAIR Université Libre de Bruxelles, Belgium
- **1998 :** ALTAIR Université Libre de Bruxelles, Belgium

- **1999** : ALTAIR Université Libre de Bruxelles, Belgium
- **2000** : Facultés Universitaires de Namur, Belgium
- **2001** : EMUL, Louvain-la-Neuve, Belgium
- **2002** : Académie Royale de Belgique, Brussels, Belgium
- **2003** :
  - Université du Travail Mons, Belgium
  - Bibliothèque de Jette, Belgium
  - Bibliothèque de Bertrix, Belgium
- **2004** : ALTAIR Université Libre de Bruxelles, Belgium
- **2005** : Forum-IRTS Lorraine, Nancy, France
- **2006** :
  - FUCAM Mons
  - Université de La Rochelle, France
  - ALTAIR Université Libre de Bruxelles, Belgium
- **2007** : Université Paul Verlaine Metz, France
- **2008** :
  - Musée des Beaux-Arts de Verviers, Belgium
  - ALTAIR Université Libre de Bruxelles, Belgium
- **2009** :
  - Université de Mons-Hainaut, Belgium
  - EMUL, Louvain-la-Neuve, Belgium
  - Université de Montréal, Canada
  - Connaissances et vie, Verviers, Belgium
  - Maison de la culture, Marche-en-Famenne, Belgium
- **2010** :
  - Facultés Universitaires Notre-Dame de la Paix, Namur, Belgium
  - Carré des Sciences Université de Mons (2 lectures), Belgium
  - ALTAIR Université Libre de Bruxelles, Belgium
- **2012** :
  - Collège belge, Bruxelles, Belgium
  - Forum-IRTS Lorraine, Nancy, France
- **2013**



- Opening of the “Festival du Film du Chercheur”, “L’harmonie et le chaos” of Philippe Worms, Cinéma Cameo Saint-Sebastien, Nancy, France
- ALTAIR Université Libre de Bruxelles, Belgium
- **2015**
  - Forum-IRTS Lorraine, Nancy, France
- **2016**
  - GAP, Thorembais-Saint-Trond, Belgium
  - Collège belge, Namur, Belgium
  - ALTAIR Université Libre de Bruxelles, Belgium
- **2017**
  - Centre National d’Histoire des Sciences-Bibliothèque des Heures Claires, Bruxelles, Belgium
  - MAPHYL, Louvain-la-Neuve, Belgium
- **2018**
  - Dédramathisons, 10<sup>e</sup> anniversaire, Louvain-la-Neuve, Belgium
  - Collège belge, Brussels, Belgium
  - ALTAIR Université Libre de Bruxelles, Belgium
  - Académie royale de Belgique, Brussels, Belgium
- **2019**
  - Forum-IRTS Lorraine, Nancy, France
  - ALTAIR Université Libre de Bruxelles, Belgium
- **2021**
  - Collège belge, Bruxelles, Belgium
  - Forum-IRTS Lorraine, Nancy, France
- **2022**
  - Collège belge, Brussels, Belgium

## 11 Organization of scientific conferences

- **1973 :**
  - *Equadiff 73*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- **1975 :**
  - *VII<sup>th</sup> International Conference on Nonlinear Oscillations*  
East Berlin, East-Germany, member of the scientific committee

- *NATO Advanced Study Institute on Nonlinear Operators and the Calculus of Variations*  
Brussels, Belgium, co-organizer
- **1976 :**
  - *Summer School on Nonlinear Functional Differential and Volterra Integral Equations*  
Louvain-la-Neuve, Belgium, co-organizer
- **1977 :**
  - *Journée de Théorie des Points Fixes*  
Louvain-la-Neuve, Belgium, organizer
- **1978**
  - *Questions d'analyse non linéaire liées aux problèmes de Landesman-Lazer*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *Equadiff 78 (in honour of G. SANSONE)*  
Firenze, Italy, member of the organizing committee
- **1980 :**
  - *Congrès de la Société Mathématique de Belgique*  
Louvain-la-Neuve, Belgium, co-organizer
  - *Journées sur l'analyse non linéaire et ses applications*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *Ecole d'Automne du CIMPA sur les équations différentielles et la théorie du contrôle*  
Strasbourg, France, member of the scientific committee
- **1981 :**
  - *Tagung über topologische Methoden in der Nichtlinearen Funktionalanalysis, der Nichtlinearen Analysis und der Numerischen Mathematik*  
Oberwolfach, West-Germany, co-organizer
  - *IX<sup>th</sup> International Conference on Nonlinear Oscillations*  
Kiev, USSR, member of the organizing committee
- **1982 :**
  - *Journées sur l'analyse non linéaire et ses applications*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *Equadiff 82*  
Würzburg, West-Germany, member of the scientific committee
- **1983 :**
  - *Journées sur l'analyse non linéaire et ses applications*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer

- *Journées Analyse non linéaire, applications à la mécanique*  
Villeneuve d'Ascq, France, member of the scientific committee
- **1984 :**
  - *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *25<sup>th</sup> International Astrophysical Colloquium of Liège (Theoretical Problems in Stellar Stability and Oscillations (in honour of P. LEDOUX))*  
Liège, Belgium, member of the scientific committee
  - *X<sup>th</sup> International Conference on Nonlinear Oscillations*  
Varna, Bulgaria, member of the scientific committee
- **1985 :**
  - *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, co-organizer
  - *NATO Advanced Study Institute on Nonlinear Functional Analysis and Fixed Point Theory*  
Maratea, Italy, member of the advisory committee
- **1986 :**
  - *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *NATO Advanced Research Workshop on Dynamics of Infinite Dimensional Systems*  
Lisbon, Portugal, member of the organizing committee
- **1987 :**
  - *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, co-organizer
  - *XI<sup>th</sup> International Conference on Nonlinear Oscillations*  
Budapest, Hungary, member of the scientific committee
  - *Equadiff 87*  
Xanthi, Greece, member of the scientific committee
- **1988 :**
  - *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *XII<sup>th</sup> Summer Symposium in Real Analysis*  
Coleraine, Northern Ireland, member of the scientific committee
- **1989 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, co-organizer
- *Centennial Workshop on Heun's equation. Theory and Applications*  
Ringberg, West-Germany, member of the international scientific committee

• **1990 :**

- *International Conference on Differential Equations and Applications to Biology and Population Dynamics (in honour of K.L. COOKE)*  
Claremont, USA, member of the scientific advisory committee
- *Second College on Variational Problems in Analysis*  
Trieste, Italy, co-director
- *Journées d'analyse non linéaire*  
Brussels et Louvain-la-Neuve, Belgium, co-organizer
- *Incontro Scientifico sui Metodi topologici nella teoria delle equazioni differenziali ordinarie e i sistemi dinamici*  
Cortona, Italy, co-organizer

• **1991 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, co-organizer
- *Equadiff 91*  
Barcelona, Spain, member of the scientific committee
- *Conférence Internationale sur les Équations Différentielles*  
Marrakech, Morocco, chairman of the scientific committee

• **1992 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *International Conference on Bifurcations in differentiable dynamics*  
Diepenbeek, Belgium, member of the scientific committee
- *Colloque sur le développement des mathématiques entre 1900 et 1950*  
Luxembourg, co-organizer
- *First World Congress of Nonlinear Analysis*  
Tampa, USA, member of the Global Organizing Committee and co-organizer of the session on *Topological and Variational Methods in Nonlinear Boundary Value Problems*

• **1993 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer

- *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, co-organizer
- *Equadiff VIII*  
Bratislava, Slovakia, member of the scientific committee
- *XIX<sup>th</sup> International Congress of History of Science*  
Zaragoza, Spain, co-organizer of the symposium No 1 on *Some aspects of mathematics of the XX<sup>th</sup> century*
- **1994 :**
  - *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *International Conference on Differential Equations and Applications to Biology and to Industry*  
Claremont, California, member of the Scientific Advisory Committee
  - *Topological Methods in Differential Equations and Inclusions*  
33<sup>d</sup> session of the Séminaire de Mathématiques Supérieures, Montréal, Canada, member of the Scientific Committee
  - *Minisemester on Methods of Critical Point Theory in Nonlinear Problems*  
Warsaw, Poland, co-organizer
- **1995 :**
  - *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, co-organizer
  - *Second International Conference on Differential Equations*  
Marrakesh, Morocco, chairman of the scientific committee
- **1996 :**
  - *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
  - *AMS-Benelux Congres of Mathematics*  
Antwerpen, Belgium, co-organizer of the Session *History of Mathematics (XX<sup>th</sup> century)*
  - *Topological and Variational Methods in Nonlinear Analysis '96*  
Warsaw, Poland, co-organizer
  - *Nonlinear Boundary Value Problems: Existence, Multiplicity, Bifurcation and Stability of Solutions*  
Granada, Spain, co-organizer
  - *Première Conférence Internationale sur les Mathématiques Appliquées et les Sciences de l'Ingénieur (CIMASI 1996)*  
Casablanca, Morocco, member of the scientific committee
- **1997 :**

- *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, co-organizer
- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Nonlinear Phenomena in Dynamical Systems and Variational Problems, Methods and Applications*  
Whitehorse, Yukon, Canada, member of the organizing committee
- *XX<sup>e</sup> Congrès International d'Histoire des Sciences*  
Liège, Belgium, member of the Local Organizing Committee and Secretary of the Section *Mathematics and Mechanics in the Contemporary Period*
- *Asymptotic and Qualitative Methods of Nonlinear Mechanics, AS-YM-97*  
Kiev, Ukraine, Member of the Scientific Committee
- *Equadiff IX*  
Brno, Czech republic, Member of the Honorary and Advisory Board
- *Topological, Variational and Singularity Methods in Nonlinear Analysis*  
Gdansk, Poland, Member of the Scientific Organizing Board

• **1998 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *International Conference on Local Differentiable Dynamics and Applications to Bifurcation Theory*  
Diepenbeek, Belgium, co-organizer
- *Workshop on Qualitative Theory of Differential Equations*  
Brno, Czech Republic, Member of the Honorary and Advisory Board
- *Nonlinear Analysis and Differential Equations*  
Autumn School, Lisbon, Portugal, Member of the scientific committee
- *Deuxième Conférence Internationale de Mathématiques Appliquées et des Sciences de l'Ingénieur (CIMASI 98)*  
Casablanca, Morocco, Member of the scientific committee

• **1999 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Gewöhnliche Differentialgleichungen : Harmonic, Subharmonic, Homoclinic, and Heteroclinic Solutions*  
Oberwolfach, Germany, co-organizer
- *International Symposium 'Reflections on XX<sup>th</sup> Century Sciences'*  
Brussels, Belgium, vice-president of the Scientific Organizing Committee

- *Troisième Université d'Eté Européenne : Histoire et épistémologie dans l'éducation mathématique*  
Louvain-la-Neuve and Leuven, Belgium, member of the local scientific committee
- *Equadiff 99, Minisymposium on Nonlinear Functional Analysis*  
Berlin, Germany, co-organizer
- *Second Symposium on Nonlinear Analysis for the centenary of J. SCHAUDER*  
Torún, Poland, member of the scientific committee

• **2000 :**

- *Modern Analysis and its Applications (dedicated to M.A. KRASNOSEL'SKII)*  
Voronezh, Russia, 2000, member of the program committee
- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *International Conference on Nonlinear Analysis and Functional Differential Equations (in honor of A.D. MISHKIS)*  
Voronezh, Russia, member of the organizing committee
- *Journée Henri Poincaré*  
Paris, France, member of the scientific committee
- *Troisième Conférence Internationale sur les mathématiques appliquées et les sciences de l'ingénieur (CIMASI 2000)*  
Casablanca, Morocco, member of the scientific committee

• **2001**

- *Gewöhnliche Differentialgleichungen : Spectra and nonlinear problems*  
Oberwolfach, Germany, co-organizer
- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Special Session on Ordinary Differential Equations and Dynamical Systems*  
BMS-DMV First Joint Meeting, Liège, Belgium, co-organizer
- *Equadiff X*  
Praha, Czech Republic, member of the advisory board

• **2002 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Colloque Epistémologie et enseignement des mathématiques en l'honneur de NICOLAS ROUCHE*  
Louvain-la-Neuve, Belgium, member of the organizing and scientific committees
- *International Conference on Abstract and Applied Analysis 2002*  
Hanoi, Vietnam, member of the advisory committee

- *ICM2002 Satellite Conference on Nonlinear Functional Analysis*  
Taiyuan, China, member of the academic committee
- *Quatrième Conférence Internationale sur les mathématiques appliquées et les sciences de l'ingénieur (CIMASI 2002)*  
Casablanca, Morocco, member of the scientific committee

- **2003 :**

- *Vietnam SAMM First International Conference on Nonlinear Analysis and Mechanics of Continuous Media (ICONA-MECOM 2003)*  
HoChiMinh City, Vietnam, member of the international advisory board
- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Topological and Variational Methods in Nonlinear Analysis TVMNA 2003*  
Bedlowo, Poland, member of the scientific committee
- *Mini-Workshop Henri Poincaré und die Topologie*  
Oberwolfach, Germany, co-organizer
- *Equadiff 2003*  
Diepenbeek, Belgium, co-organizer
- *Equadiff 2003, Minisymposium on Topological and Variational Methods*  
Diepenbeek, Belgium, organizer

- **2004 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Nonlinear Analysis – Analyse non linéaire – In honor of HAÏM BREZIS*  
Paris, France, member of the scientific committee
- *Solvay Symposium on Henri Poincaré*  
Brussels, Belgium, member of the scientific and organizing committees
- *XIV<sup>th</sup> DHS-DLMPS Joint Conference Probability and Physical Reality*  
Brussels, Belgium, member of the scientific program committee
- *Solvay Symposium on Time, irreversibility and self-organization, in memoriam ILYA PRIGOGINE*  
Brussels, Belgium, member of the organizing committee

- **2005 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer

- **2006 :**



- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *Views in Ordinary Differential Equations (in honor of A. CELLINA and J. YORKE)*  
Aveiro, Portugal, member of the scientific committee
- *Marrakesh World Conference on Differential Equations and Applications*  
Marrakesh, Morocco, member of the scientific committee
- *JEAN LERAY International Mathematical Conference on Topological Methods in Nonlinear Problems*  
Bedlevo, Poland, member of the organizing committee
- *Evolution Equations 2006 (in memory of G. LUMER)*  
Mons, Belgium, member of the organizing committee

• **2007 :**

- *International Conference on Nonlinear Analysis and Engineering Mathematics Today*  
Hochimin City, Vietnam, member of the honorary advisory committee
- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *5<sup>th</sup> Symposium on Nonlinear Analysis*  
Torun, Poland, member of the scientific committee

• **2008 :**

- *Journées d'analyse non linéaire*  
Brussels and Louvain-la-Neuve, Belgium, co-organizer
- *14<sup>th</sup> International Conference on Difference Equations and Applications*  
Istanbul, Turkey, member of the scientific committee
- *CDDEA Conference on Differential and Difference Equations* Strecno, Czech Republic, member of the program committee
- *Conference on Boundary Value Problems : Mathematical Models in Engineering, Biology and Medicine*  
Santiago de Compostela, Spain, member of the scientific committee
- *International Conference on Partial Differential Equations and Related Topics*  
Wuhan, China, member of the academic committee

• **2009 :**

- *ICMC Summer Meeting on Differential Equations*  
Sao Carlos, Brazil, member of the scientific committee
- *Equadiff XII*  
Brno, Czech Republic, member of the scientific committee

• **2010 :**

- *Spring School in Nonlinear Partial Differential Equations*  
Brussels, Belgium, member of the advisory committee
- **2011 :**
  - *18<sup>th</sup> International Conference on Difference Equations and Applications ICDEA 2012*  
Quebec, Canada, member of the scientific committee
- **2012 :**
  - *A Passion for Science. Chemins des savoirs*  
Brussels, Académie royale de Belgique, member of the scientific committee
  - *Mini Colloque “Hommage à Henri Poincaré”*  
Paris, France, member of the organizing committee
  - *Spring School in Nonlinear Partial Differential Equations*  
Brussels, Belgium, member of the scientific committee
- **2013 :**
  - *XXXVII<sup>th</sup> Symposium in Real Analysis (The Sugarcane Symposium)*  
Sao Carlos, Brazil, member of the scientific committee
  - *Variational Methods and Partial Differential Equations (Workshop on the occasion of Michel Willem’s 60th birthday)*  
Louvain-la-Neuve, Belgium, member of the scientific committee
- **2014 :**
  - *Science en guerre et guerre des savants. Politique et réseaux scientifiques internationaux durant la Première Guerre mondiale*  
Brussels, Belgium, member of the organizing committee
  - *La mécanique à la lumière de son histoire, de la modernité à l’époque contemporaine (XVVe-XXe s.)*  
Louvain-la-Neuve, Belgium, member of the scientific committee
- **2015 :**
  - *VII<sup>th</sup> Symposium on Nonlinear Analysis*  
Torun, Poland, member of the scientific committee
- **2016 :**
  - *ICMC Summer Meeting 2016*  
Sao Carlos, Brazil, member of the scientific committee
  - *International Conference on Applications of Mathematics to Nonlinear Sciences (AMNS-2016)*  
Kathmandu, Nepal, member of the scientific committee
- **2017 :**
  - *ICMC Summer Meeting 2017*  
Sao Carlos, Brazil, member of the scientific committee

- 2010
  - *Equadiff*  
Brno, Czech Republic, member of the scientific committee
- 2022
  - *Equadiff*  
Brno, Czech Republic, member of the scientific committee

## 12 Invited and plenary lectures at conferences

- 1968 :
  - *Colloque sur la mécanique non linéaire des systèmes à un nombre fini de degrés de liberté*  
Leuven, Belgium, invited lecture
- 1969 :
  - *Colloque du CBRM sur les équations différentielles non linéaires*  
Mons, Belgium, invited lecture
- 1970 :
  - *Tagung über gewöhnliche Differentialgleichungen mit Anwendungen*  
Oberwolfach, West-Germany, invited lecture
  - *Equadiff 70*  
Marseille, France, invited lecture
- 1972 :
  - *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, invited lecture
- 1973 :
  - *CIME on Nonlinear Mechanics*  
Bressanone, Italy, 1972, invited lecture
  - *Mini-Conference on Differential Equations*  
Ann Arbor, USA, invited lecture
- 1974 :
  - *Functional Analysis Club : problèmes non linéaires*  
Brussels, Belgium, invited lecture
  - *Problems in Nonlinear Functional Analysis*  
Bonn, West-Germany, invited lecture
  - *International Symposium on Dynamical Systems*  
Providence, USA, invited plenary lecture
  - *International Conference on Differential Equations*  
Los Angeles, USA, invited lecture

- *Difford 74 : Summer school on ordinary differential equations*  
Starà Lesná, Czechoslovakia, invited lecture
- **1975 :**
  - *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, invited lecture
  - *VIIIth International Conference on Nonlinear Oscillations*  
East Berlin, East-Germany, invited lecture
- **1976 :**
  - *International Conference on Dynamical Systems*  
Gainesville, USA, invited lecture
  - *Tagung über nichtlinear Funktionalanalysis und ihre Anwendungen*  
Oberwolfach, West-Germany, invited lecture
- **1977 :**
  - *NSF-CBMS Regional Conference on Applications of Topological Methods in Ordinary and Partial Differential Equations*  
Boulder, USA, invited lecture
  - *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, invited lecture
  - *NSF-CBMS Regional Conference on Topological Degree Methods in Nonlinear Boundary Value Problems*  
Claremont, USA, principal lecturer
  - *Equadiff IV*  
Praha, Czechoslovakia, invited lecture
  - *Workshop on Boundary Value Problems for Ordinary Differential Equations and Applications*  
Trieste, Italy, invited lectures
- **1978 :**
  - *Conference on Ordinary and Partial Differential Equations*  
Dundee, Scotland, invited lecture
  - *International Conference on Recent Advances in Differential Equations*  
Trieste, Italy, invited lecture
  - *Tagung über konstruktive Methoden bei nichtlinearen Randwertaufgaben und Nichtlinearen Schwingungen*  
Oberwolfach, West-Germany, invited lecture
  - *Tagung über Operator-Ungleichungen*  
Oberwolfach, West-Germany, invited lecture
- **1979 :**
  - *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, invited lecture

- *Congrès de la société mathématique de Belgique*  
Brussels, Belgium, invited plenary lecture
- *VI Jornadas de Matematicas Hispano-Lusas*  
Santander, Spain, invited plenary lecture
- *Workshop on Functional Differential Equations and Nonlinear Semigroups*  
Retzhof, Austria, invited lecture
- *Annual Seminar of the Canadian Mathematical Society : Differential Equations and Applications*  
Toronto, Canada, invited lecture
- *Colloquium on Qualitative Theory of Differential Equations*  
Szeged, Hungary, invited plenary lecture
- *Internationales Christoffel Symposium*  
Aachen, West-Germany, invited lecture

• **1980 :**

- *Nonlinear Differential Equations : Invariance, stability and bifurcation*  
Trento, Italy, invited lecture
- *International Conference on Nonlinear Phenomena in Mathematical Sciences (in honour of L. CESARI)*  
Arlington, USA, invited lecture
- *Mathematical System Theory*  
Warwick, England, invited lecture
- *Ecole d'Automne du CIMPA sur les équations différentielles et la théorie du contrôle*  
Strasbourg, France, invited lecture

• **1981 :**

- *International Symposium on Dynamical Systems*  
Gainesville, USA, invited lecture
- *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, invited lecture
- *Euromech Colloquium Nr. 141*  
Enschede, Holland, invited lecture
- *Equadiff V*  
Bratislava, Czechoslovakia, invited lecture
- *IXth International Conference on Nonlinear Oscillations*  
Kiev, USSR, invited closing plenary lecture

• **1982 :**

- *Conference on Ordinary and Partial Differential Equations*  
Dundee, Scotland, invited plenary lecture and honorary president of the conference

- JOHN H. BARRETT *Memorial Lectures*  
Knoxville, USA, principal lecturer
- *Convegno Internazionale su Analisi non lineare e ottimizzazione (in honour of L. CESARI)*  
Bologna, Italy, invited lecture
- *Réunion sur les équations aux dérivées partielles et l'analyse fonctionnelle*  
Han-sur-Lesse, Belgium, invited lecture
- *V Congreso de Ecuaciones Diferenciales y Aplicaciones*  
Teneriffe, Canarie Islands, invited lecture

• 1983 :

- *Nietlineaire differentialvergelijken en mechanica*  
Gent, Belgium, invited lecture
- *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, West-Germany, invited lecture
- *American Mathematical Society Sectional Meeting, Special Session on Nonlinear Elliptic and Parabolic Partial Differential Equations*  
Salt Lake City, USA, invited lecture
- *Journées Analyse non linéaire, applications à la mécanique*  
Villeneuve d'Ascq, France, invited plenary lecture
- *Zehnjährige Lehrstuhlgebäude Prof. Dr. NORMAN BAZLEY*  
Köln, West-Germany, invited lecture
- *Gregynog Symposium on differential equations*  
Gregynog, Wales, invited plenary lecture
- *Analyse Dag*  
Delft, Holland, invited lecture

• 1984 :

- *Topics in General, Geometric and Algebraic Topology*  
Warsaw, Poland, invited lecture
- *Theory, Numerics and Applications of Nonlinear Eigenvalue Problems*  
Oberwolfach, West-Germany, invited lecture
- *Colloquium on Topological Methods in Boundary Value Problems for Ordinary Differential Equations*  
Trieste, Italy, invited lecture
- *Bayerischen Mathematischen Kolloquium*  
Kulmbach, West-Germany, invited lecture
- *International Conference on Qualitative Theory of Differential Equations*  
Edmonton, Canada, invited plenary lecture
- *Nichtlineare Funktionalanalysis und partielle Differentialgleichungen*  
Oberwolfach, West-Germany, invited lecture

- *X<sup>th</sup> International Conference on Nonlinear Oscillations*  
Varna, Bulgaria, invited lecture

- **1985 :**

- *VI<sup>th</sup> Annual Conference of the Nigerian Mathematical Society*  
Ile-Ife, Nigeria, invited plenary lecture
- *NATO Advanced Study Institute on Nonlinear Functional Analysis and Fixed Point Theory*  
Maratea, Italy, invited lecture
- *Workshop on Applied Differential Equations*  
Beijing, China, invited lecture
- *Second Gregynog Symposium on Differential Equations*  
Gregynog, Wales, invited lecture
- *Topological Methods in Differential Equations*  
Oberwolfach, West-Germany, invited lecture
- *Equadiff VI*  
Brno, Czechoslovakia, invited closing plenary lecture

- **1986 :**

- *Mid-South Colloquium in the Mathematical Sciences*  
Memphis, USA, Distinguished lecture in mathematics
- *International Conference on Differential Equations and Mathematical Physics*  
Birmingham, USA, invited plenary lecture
- *NATO Advanced Research Workshop on Dynamics of Infinite Dimensional Systems*  
Lisbon, Portugal, invited plenary lecture
- *Symposium on Ordinary Differential Equations and Related Topics (in honour of J. KURZWEIL)*  
Liblice, Czechoslovakia, invited lecture
- *Oscillation, bifurcation and chaos*  
Toronto, Canada, plenary lecture
- *9th Summer Symposium in Real Analysis*  
Vancouver, Canada, two invited lectures
- *Seminar in Fixed point theory and its applications*  
Berkeley, USA, invited lecture

- **1987 :**

- *Anwendungen der Infinitesimalmathematik*  
Oberwolfach, West-Germany, invited lecture
- *Festkolloquium WOLFGANG WALTER*  
Karlsruhe, West-Germany, invited lecture
- *Congrès franco-québécois d'analyse non linéaire appliquée*  
Perpignan, France, invited plenary lecture

- *Third Gregynog Symposium on Differential Equations*  
Gregynog, Wales, invited plenary lecture
- *XI<sup>th</sup> International Conference on Nonlinear Oscillations*  
Budapest, Hungary, invited lecture
- *Equadiff 87*  
Xanthi, Greece, plenary lecture
- *IV<sup>e</sup> Rencontre Nationale sur les équations différentielles ordinaires*  
Alger, Algeria, invited lecture
- *Coloquio Internacional Anastacio da Cunha, o matematico e o poeta*  
Lisbon, Portugal, invited lecture

• **1988 :**

- *College on Variational Problems in Analysis*  
Trieste, Italy, invited lecture
- *Aktive Schwingungsdämpfung*  
Oberwolfach, West-Germany, invited lecture
- *International Conference on Theory and Applications of Differential Equations*  
Columbus, USA, invited plenary lecture
- *Problèmes variationnels*  
Paris, France, invited lecture
- *10th Dundee Conference on the theory of ordinary and partial differential equations*  
Dundee, Scotland, invited opening plenary lecture
- *12th Summer Symposium in Real Analysis (in honour of R. HENSTOCK)*  
Coleraine, Northern Ireland, invited lecture

• **1989 :**

- *Journées sur l'étude qualitative des équations différentielles*  
Marrakech, Morocco, invited lecture

• **1990 :**

- *International Conference on Differential Equations and Applications to Biology and Population Dynamics (in honour of KEN L. COOKE)*  
Claremont, USA, invited plenary lecture
- *Second College on Variational Problems in Analysis*  
Trieste, Italy, invited lecture
- *International Conference on Differential Equations and Mathematical Physics*  
Birmingham, USA, invited plenary lecture
- *Conference on Nonlinear Analysis and Partial Differential Equations (in honor of FELIX BROWDER)*  
New Brunswick, USA, invited lecture



- *Incontro Scientifico sui Metodi topologici nella teoria delle equazioni differenziali ordinarie e i sistemi dinamici*  
Cortona, Italy, two invited lectures
- *International Symposium on Functional Differential Equations and Related Topics (in honour of T. YOSHIZAWA)*  
Kyoto, Japan, invited plenary lecture
- *September Conference of the Irish Mathematical Society*  
Dublin, Ireland, invited opening plenary lecture

• 1991 :

- *L'enseignement de l'analyse aux débutants*  
Namur, Belgium, invited lecture
- *Tagung über gewöhnliche Differentialgleichungen*  
Oberwolfach, Germany, invited lecture
- *Meeting of the FNRS/NFWO Contact Group on Nonlinear Science*  
Brussels, Belgium, invited lecture
- *Research Workshop on Topological and Variational Methods in Analysis*  
Sherbrooke, Canada, invited lecture
- *Special Session on Nonlinear Analysis of the Summer Meeting of the Canadian Mathematical Society*  
Sherbrooke, Canada, invited lecture
- *Conférence Internationale sur les Equations Différentielles*  
Marrakech, Morocco, invited lecture

• 1992 :

- *GAMM Tagung*  
Leipzig, Germany, invited opening plenary lecture
- *Journée sur l'école mathématique française, 1850-1914*  
Paris, France, invited lecture
- *Northwest European Analysis Seminar*  
Saint-Amand-les-Eaux, France, invited lecture
- *Second GEOFFREY J. BUTLER Memorial Conference on Differential Equations and Mathematical Biology*  
Edmonton, Canada, three invited plenary lectures
- *First World Congress of Nonlinear Analysis*  
Tampa, USA, invited lecture in the Poincaré's session
- *International Conference on Nonlinear Analysis, Topological and Variational Methods*  
Xalapa, Mexico, invited lecture
- *Séance publique de la Classe des Sciences de l'Académie Royale de Belgique*  
Brussels, Belgium, annual lecture

• 1993 :

- *Summer School on Dynamical Systems and Nonlinear Analysis*  
Cape Town, South Africa, five invited lectures
- *North Western European Analysis Seminar*  
Dagstuhl, Germany, invited lecture
- *XIXth International Congress of History of Science, Symposium N.1*  
*on Some aspects of mathematics of the XXth century*  
Zaragoza, Spain, invited lecture
- *International Meeting on Ordinary Differential Equations and its Ap-  
plications (in honor of CONTI and VILLARI)*  
Firenze, Italy, opening plenary lecture
- *Analyse Dag*  
Delft, Holland, invited lecture
- *First Belgian-French Meeting on PDE*  
Han-sur-Lesse, Belgium, invited lecture

• **1994 :**

- *Copernic, Galilée et la Belgique, leur réception et leurs historiens*  
Brussels, Belgium, invited lecture
- *Belgisch-Niederländisch-Nordrheinwesfälisches Sonderkolloquium*  
Köln, Germany, invited lecture
- *International Conference on Differential Equations and Applications*  
*to Biology and to Industry*  
Claremont, USA, invited lecture
- *SCHAUDER Memorial Symposium on Nonlinear Differentia Equations*  
*and Applications*  
Torun and Warsaw, Poland, invited lecture
- *Minisemester on Methods of Critical Point Theory in Nonlinear Pro-  
blems*  
Warsaw, Poland, invited lectures
- *Réunion Analyse non standard du Groupe de contact Logique mathé-  
matique*  
Liège, Belgium, invited lecture

• **1995 :**

- *Festkolloquium HANS W. KNOBLOCH*  
Würzburg, Germany, invited lecture
- *Second International Conference on Differential Equations*  
Marrakesh, Morocco, invited plenary lecture
- *Equadiff 95*  
Lisbon, Portugal, invited plenary lecture
- *XIV CEDYA and IV Congreso de Matemática Aplicada*  
Vic, Spain, invited plenary lecture

• **1996 :**

- *Metodi Topologici e Sistemi Dinamici*  
Firenze, Italy, invited opening lecture
- *North West European Analysis Seminar*  
Glasgow, Scotland, invited lecture
- *Topological and Variational Methods in Nonlinear Analysis '96*  
Warsaw, Poland, invited lecture
- *International Conference on Applied Analysis*  
Karlovasi, Greece, keynote invited speaker
- *Prague Mathematical Conference 1996*  
Praha, Czech Republic, invited plenary lecture
- *Topological Methods in Differential Equations and Dynamical Systems*  
Krakow, Poland, invited plenary lecture
- *Tagung über Nichtlinear Eigenwertaufgaben*  
Oberwolfach, Germany, invited lecture

• 1997 :

- *Third Mississippi State Conference on Differential Equations and Computational Simulations*  
Mississippi State, USA, invited plenary lecture
- *Topological Fixed Point Theory and Topological Methods in Nonlinear Analysis*  
Cortona, Italy, invited plenary lecture
- *Conférence à la mémoire de GILLES FOURNIER*  
Sherbrooke, Canada, invited commemorative lecture
- *Equadiff IX*  
Brno, Czech Republic, opening plenary lecture
- *Tricomi's ideas and contemporary applied mathematics*  
Roma and Torino, Italy, invited lecture

• 1998 :

- *IVe Journées Catalanes de Mathématiques Appliquées*  
Tarragona, Spain, invited lecture
- *Journées Académiques sur les Nombres*  
Lille, France, invited lecture
- *Calculus of Variations and Related Topics*  
Haifa, Israel, invited lecture
- *International Conference on Local Differentiable Dynamics and Applications to Bifurcation Theory*  
Diepenbeek, Belgium, invited lecture
- *II<sup>nd</sup> Workshop on Nonlinear Differential Equations*  
Campinas, Brasil, invited plenary lecture
- *Développements des mathématiques à la veille de l'année 2000*  
Luxembourg, invited lecture

• 1999 :

- *Nonlinear Differential Equations, honoring Professor ALAN LAZER*  
Coral Gables, USA, invited lecture
- *FUČIK Memorial Workshop*  
Paseky, Czech Republic, invited lecture
- *International Conference on Differential Equations and Related Topics*  
Pusan, South Korea, invited lecture
- *The Second International Conference on Nonlinear Analysis*  
Tianjin, China, invited plenary lecture
- *Sixth Colloquium on the Qualitative Theory of Differential Equations*  
Szeged, Hungary, invited opening plenary lecture
- *Second Symposium on Nonlinear Analysis for the centenary of J. SCHAUDER*  
Torún, Poland, invited plenary opening scientific lecture
- *Histoire comparée des sciences (groupe de contact FNRS)*  
Brussels, Belgium, invited lecture

• 2000 :

- *Mathematics and its role in civilization*  
Macau, China, invited plenary lecture
- *Variational and topological methods in the study of nonlinear phenomena*  
Pisa, Italy, plenary lecture
- *Partial Differential Operators*  
Torino, Italy, invited opening lecture
- *Year 2000 International Conference on Dynamical Systems and Differential Equations*  
Kennesaw, USA, invited plenary lecture
- *Journée Henri Poincaré*  
Paris, France, invited opening lecture
- *II Simposio Internacional en Ecuaciones no Lineales y Problemas de Frontera Libre*  
Buenos Ayres, Argentina, invited plenary lecture
- *Third World Congress of Nonlinear Analysis*  
Catania, Italy, one hour key-note speaker
- *Quatrièmes journées des équations aux dérivées partielles*  
Calais, France, invited lecture
- *Physique et physiologie chez Ernst Mach*  
Louvain-la-Neuve, Belgium, invited lecture
- *Troisième Conférence Internationale sur les mathématiques appliquées et les sciences de l'ingénieur (CIMASI 2000)*  
Casablanca, Morocco, invited plenary opening lecture

• 2001 :

- *Poincaré et la théorie de la connaissance*  
Toulouse, France, invited lecture
- *Journée annuelle de la Société mathématique de France : Mathématiques et mathématiciens au XX<sup>e</sup> siècle*  
Paris, France, invited lecture
- *Variational problems and related topics*  
Kyoto, Japan, invited lecture
- *International meeting on the history of differential equations*  
Lisbon, Portugal, invited lecture
- *III<sup>d</sup> Workshop in Nonlinear Differential Equations*  
Bergamo, Italy, plenary closing lecture
- *Seconde conférence à la mémoire de GILLES FOURNIER*  
Sherbrooke, Canada, invited lecture
- *Quasilinear elliptic and parabolic equations and systems*  
Luminy, France, invited lecture

• **2002 :**

- *Colloque Épistémologie et enseignement des mathématiques en l'honneur de NICOLAS ROUCHE*  
Louvain-la-Neuve, Belgium, invited lecture
- *Symposium on Partial Differential Equations to celebrate the seventy-fifth birthday of JAMES SERRIN*  
Perugia, Italy, invited lecture
- *ICM2002 Satellite Conference on Nonlinear Functional Analysis*  
Taiyuan, China, plenary lecture
- *CDDE 2002 Colloquium on Differential and Difference Equations*  
Brno, Czech Republic, plenary lecture
- *Analisi qualitativa di equazioni differenziali ordinarie*  
Trieste, Italy, invited lecture

• **2003 :**

- *Vietnam SAMM First International Conference on Nonlinear Analysis and Mechanics of Continuous Media (ICONA-MECOM 2003)*  
HoChiMinh City, Vietnam, invited opening lecture
- *Homenaje a JEAN MAWHIN por sus primeros 60 años de Análisis no lineal*  
Sevilla, Spain, invited lecture
- *Equazioni differenziali ordinarie ed applicazioni*  
Firenze, Italy, invited opening lecture
- *Constructive Methods for Non-Linear Boundary Value Problems*  
Miskolc, Hungary, invited opening lecture
- *Topological and Variational Methods in Nonlinear Analysis TVMNA 2003*  
Bedlowo, Poland, invited plenary opening lecture

- *Mini-Workshop Henri Poincaré und die Topologie*  
Oberwolfach, Germany, invited lecture
- *29<sup>e</sup> Congrès de la Société Belge des Professeurs de Mathématiques d'expression française*  
Forest, Belgium, invited plenary opening lecture
- *Workshop The science of complexity : chimera or reality ?*  
Arcidosso, Italy, invited plenary lecture

• **2004 :**

- *Mathematical Days 2004 of the Finnish Mathematical Society*  
Oulu, Finland, invited plenary lecture
- *La face cachée des mathématiques*  
Paris, France, invited lecture
- *Henri Poincaré 1854-1912*  
Milton Keynes, England, invited lecture
- *Fifth European Conference on Elliptic and Parabolic Problems : A Special Tribute to the Work of HAÏM BREZIS*  
Gaeta, Italy, invited plenary lecture
- *V<sup>th</sup> Workshop on Nonlinear Differential Equations*  
Campinas, Brazil, invited plenary lecture
- *Seminario Internacional Complutense : Spectral Theory and Nonlinear Analysis*  
Madrid, Spain, invited opening lecture
- *Conference on Fixed Point Theory and its Applications in honour of Professor ANDRZEJ GRANAS*  
Montreal, Canada, invited lecture
- *International Conference on Nonlinear Operators, Differential Equations and Applications*  
Cluj, Romania, invited opening plenary lecture
- *Solvay Symposium on Henri Poincaré*  
Brussels, Belgium, invited opening lecture
- *Conference on The History of Differential Equations*  
Oberwolfach, Germany, invited lecture
- *Séminaire d'histoire des mathématiques Cologne-Nancy*  
Köln, Germany, invited lecture

• **2005 :**

- *International Symposium on Variational Methods and Nonlinear Differential Equations on the occasion of ANTONIO AMBROSETTI's 60<sup>th</sup> birthday*  
Roma, Italy, invited lecture
- *Luncheon event in honour of the Abel Prize in mathematics*  
Brussels, Belgium, invited lecture
- *Sixth Conference on Differential Equations and Computational Simulation*  
Mississippi State, USA, invited plenary lecture

- *Conference on Nonlinear Partial Differential Equations and Applications in Honor of JAMES SERRIN*  
Tours, France, invited lecture
- *International Conference on Fixed Point Theory and its Applications in Memory of JIM DUGUNDJI*  
Bedlovo, Poland, invited plenary lecture
- *Workshop on Dynamics*  
Torino, Italy, invited opening lecture
- *Seminário Nacional de História da Matemática, 18º Encontro*  
Lisboa, Portugal, principal invited lecture
- *Conference on Mathematics in the Physical Sciences 1650-2000*  
Oberwolfach, Germany, invited lecture

• **2006 :**

- *Progress in Difference Equations 2006*  
Homburg, Germany, invited plenary lecture
- *International Conference on Mathematics of Optimization and Decision Making*  
Pointe-à-Pitre, Guadeloupe, invited plenary lecture
- *Journées consacrées au Père Henri Bosmans (1852-1928)*  
Brussels, Belgium, invited opening lecture
- *Views in Ordinary Differential Equations (in honor of A. CELLINA and J. YORKE)*  
Aveiro, Portugal, invited plenary lecture
- *JEAN LERAY International Mathematical Conference on Topological Methods in Nonlinear Problems*  
Bedlevo, Poland, invited opening lecture
- *Euro XXI - 21st European Conference on Operational Research*  
Reykjavik, Iceland, invited lecture in section Nonlinear Boundary Value Problems
- *Evolution Equations 2006 (in the memory of G. LUMER)*  
Mons, Belgium, invited lecture
- *International Conference on Differential and Difference Equations*  
Brno, Czech Republic, invited plenary lecture
- *VI<sup>th</sup> Workshop on Nonlinear Differential Equations*  
Como, Italy, invited plenary lecture

• **2007 :**

- *Variational and Topological Methods : Theory, Applications, Numerical Methods and Open Problems*  
Flagstaff, USA, invited opening plenary lecture
- *6th Congress of Roumanian Mathematicians*  
Bucharest, Romania, invited lecture
- *12th International Conference on Difference Equations and Applications*  
Lisbon, Portugal, invited plenary lecture

- *Equadiff 07*  
Wien, Austria, invited key-note lecture
- *5th Symposium on Nonlinear Analysis*  
Toruń, Poland, invited opening plenary lecture
- *Workshop on Differential Equations, Boundary Value Problems and Related Topics*  
Hejnice, Czech Republic, invited lecture
- *Recent progress in nonlinear elliptic and parabolic problems and related abstract methods*  
Banff, Canada, invited lecture
- *7th MSU-UAB Conference on Differential Equations and Computational Simulations*  
Birmingham, USA, invited opening plenary lecture

• **2008 :**

- *International Conference on Nonlinear PDE and Applications*  
Busan, South Korea, invited opening lecture
- *International Workshop on Partial Differential Equations for the 80<sup>th</sup> birthday of J. SERRIN*  
Perugia, Italy, invited opening lecture
- *14th International Conference on Difference Equations and Applications*  
Istanbul, Turkey, invited one hour lecture
- *9<sup>e</sup> Colloque franco-roumain de mathématiques appliquées*  
Brasov, Romania, invited plenary lecture
- *Conference on Boundary Value Problems : Mathematical Models in Engineering, Biology and Medicine*  
Santiago de Compostela, Spain, invited opening plenary lecture
- *Giuseppe Peano fra matematica e logica*  
Torino, Italy, invited lecture
- *International Conference on Partial Differential Equations and Related Topics*  
Wuhan, China, inviting opening plenary lecture
- *Farewell symposium dynamics and bifurcations in honor of A. VAN-  
DERBAUWHEDE*  
Gent, Belgium, invited lecture

• **2009 :**

- *ICMC Summer Meeting on Differential Equations*  
Sao Carlos, Brazil, invited plenary lecture
- *Séminaire d'histoire des mathématiques de l'Institut Henri Poincaré : Poincaré et l'astronomie*  
Paris, France, invited lecture
- *Colloque Images et diagrammes en mathématique et en physique*  
Nancy, France, invited lecture



- *Evolution equations and dynamical systems. Conference on the occasion of the 60<sup>th</sup> birthday of ALAIN HARAUX*  
Hammamet, Tunisia, invited opening lecture
- *International Conference on Variational Methods (ICVAM-2)*  
Tianjin, China, invited lecture
- *Equadiff XII*  
Brno, Czech Republic, invited lecture
- *35<sup>e</sup> Congrès de la Société Belge des Professeurs de Mathématique d'expression française*  
Nivelles, Belgium, opening plenary lecture
- *Workshop on Elliptic Partial Differential Equations in Honor of J.P. GOSSEZ*  
Bruxelles, Belgium, invited lecture
- *Interdisciplinary Workshop on Periodic Oscillations*  
Granada, Spain, invited lecture

• 2010 :

- *Disciplines and Styles in Pure Mathematics (1800-2000)*  
Oberwolfach, Germany, invited lecture
- *International Workshop on Variational, Topological and Set-valued Methods for Nonlinear Differential Problems*  
Messina, Italy, invited opening plenary lecture
- *Emerging Problems in Nonlinear Analysis and Differential Equations : Advances in Theory and Applications*  
Glasgow, Scotland, invited plenary lecture
- *Seminar zur Mathematikgeschichte Nancy-Wuppertal*  
Wuppertal, Germany, invited lecture
- *16<sup>th</sup> International Conference on Difference Equations and Applications ICDEA 2010*  
Riga, Latvia, invited plenary lecture
- *Ordinary Differential Equations and Applications*  
Ancona, Italy, invited opening lecture
- *Variational and Topological Methods in Nonlinear Phenomena*  
Cortona, Italy, invited closing lecture
- *VIII<sup>th</sup> Workshop on Nonlinear Differential Equations*  
Riemann International School of Mathematics, Verbania, Italy, invited plenary lecture
- *Colloquium on Differential Equations and Integration Theory in memory of S. SCHWABIK*  
Křtiny, Czech Republic, invited plenary lecture
- *Colloquium Fifty Years of Finite Freedom Mechanics in honor of MICHEL JEAN*  
Marseille, France, invited plenary lecture

• 2011 :

- *Colloque International sur l'enseignement des mathématiques, des mathématiques du quotidien à la théorie*  
Lille, France, invited closing plenary lecture
- *Dédra-math-isons*  
Louvain-la-Neuve, Belgium, invited closing lecture
- *Une après-midi non linéaire*  
Nancy, France, invited lecture
- *International Conference on Differential & Difference Equations*  
Ponta Delgada, Portugal, invited plenary lecture
- *Brussels Summer School of Mathematics*  
Brussels, Belgium, invited lecture
- *MAT<sup>2</sup> José Anastácio da Cunha e a MATemática nos Arquivos Setecentistas de MATEus*  
Casa de Mateus, Portugal, invited plenary opening lecture

• **2012 :**

- *Vers une biographie de Poincaré*  
Nancy, France, invited lecture
- *Mini-colloque "Hommage à Henri Poincaré"*  
Paris, France, invited lecture
- *Mathématiques et biologie*  
Bruxelles, Belgique, invited lecture
- *Workshop on Nonlinear Partial Differential Equations. On the occasion of the 60<sup>th</sup> birthday of PATRIZIA PUCCI*  
Perugia, Italy, invited lecture
- *Spring School in Nonlinear Partial Differential Equations*  
Bruxelles, Belgium, invited lecture
- *IX<sup>th</sup> Workshop on Nonlinear Differential Equations*  
Joao Pessoa, Brazil, invited lecture
- *Colloque international Henri Poincaré*  
Institut Henri-Poincaré, Paris, France, invited lecture
- *Colloque Poincaré Lorraine 2012*  
Metz and Nancy, France, invited opening lecture

• **2013 :**

- *Qualitative Theory of Nonlinear Differential Equations 2013 on the occasion of the 60th birthday of FABIO ZANOLIN*  
Trieste, Italy, invited opening lecture
- *Mathématiques, esthétiques ou pratiques ?, à l'occasion de l'éméritat de JACQUES BAIR*  
Liège, Belgium, invited lecture
- *Journée Lagrange (1736-1813) : bilan historiographique et recherches récentes*  
Institut Henri-Poincaré, Paris, France, invited lecture

- *Workshop on concentration phenomena and compactness issues in nonlinear PDE*  
Mittal-Leffler Institute, Stockholm, Sweden, invited opening lecture
- *XXXVII<sup>th</sup> Symposium in Real Analysis (The Sugarcane Symposium)*  
Sao Carlos, Brazil, invited opening lecture
- *Workshop on Nonlinear Partial Differential Equations*  
Madrid, Spain, invited lecture
- *Variational Methods and Partial Differential Equations (Workshop on the occasion of Michel Willem's 60th birthday)*  
Louvain-la-Neuve, Belgium, invited opening lecture
- *51<sup>e</sup> Congrès pluraliste des sciences*  
Bruxelles, Belgium, invited lecture
- *Nonlinear Analysis (dedicated to Pavel Drábek on the occasion of his 60th birthday)*  
Plzen, Czech Republic, invited opening lecture
- *Equadiff XIII*  
Praha, Czech Republic, invited lecture
- *José Anastácio da Cunha : Um educador iluminando*  
Casa de Mateus, Portugal, invited opening lecture
- *Réunion en l'honneur du Professeur René Thomas à l'occasion de son 85<sup>e</sup> anniversaire*  
Bruxelles, Belgium, invited lecture

• 2014

- *Variational Methods in Elliptic Equations and Systems (remembering Miguel Ramos)*  
Lisbon, Portugal, invited opening plenary lecture
- *ICMC Summer Meeting on Differential Equations, celebrating the 80th birthday of Djairo Guedes de Figueiredo*  
São Carlos, Brazil, invited plenary lecture
- *De l'esthétique à l'éthique par les mathématiques (en l'honneur de Jacques Bair)*  
Brussels, Belgium, invited lecture
- *Workshop on Differential Equations 2014, celebrating the 70th birthday of Milan Tvrđy*  
Malá Morávka, Czech Republic, invited lecture
- *50 años de matemáticas Universidad de Granada*  
Granada, Spain, invited opening plenary lecture
- *10<sup>th</sup> AIMS Conference on Dynamical Systems, Differential Equations and Applications. Special Session: Nonlinear elliptic and parabolic problems*  
Madrid, Spain, invited closing lecture
- *7<sup>o</sup> Encontro Luso-Brasileiro de História da Matemática*  
Óbidos, Portugal, invited plenary lecture

- 7° Encontro Luso-Brasileiro de História da Matemática. Simpósio Henri Poincaré  
Óbidos, Portugal, invited lecture
- 10<sup>th</sup> Conference on Differential Equations & Computational Simulations  
Starkville, Mississippi, USA, invited plenary lecture
- Recent Trends in Nonlinear Phenomena  
Reggio di Calabria, Italy, invited opening lecture
- La mécanique à la lumière de son histoire, de la modernité à l'époque contemporaine (XVI<sup>e</sup>-XX<sup>e</sup> s.)  
Louvain-la-Neuve, Belgium, invited lecture

- 2015

- Workshop on Applications of Modern Mathematics and Mechanics  
Olomouc, Czech Republic, invited opening lecture
- Eight Congress of Romanian Mathematicians  
Iasi, Romania, invited opening lecture of the section “Ordinary and Partial Differential Equations, Variational Methods, Optimal Control”
- Variational and Topological Methods in the Study of Nonlinear Problems  
Besançon, France, invited closing lecture
- International Conference on Difference Equations and Applications  
Byalistok, Poland, invited plenary opening lecture (Bernd Aulbach Prize)
- VII<sup>th</sup> Symposium on Nonlinear Analysis  
Torun, Poland, invited plenary opening lecture
- 2nd Conference on Recent Trends in Nonlinear Phenomena  
Napoli, Italy, invited lecture
- XIV Convegno Società Italiana di Storia della Matematica  
Palermo, Italy, invited plenary lecture
- Workshop on Partial Differential Equations  
Madrid, Spain, invited closing lecture

- 2016

- Workshop on Nonlinear Differential Problems  
Messina, Italy, invited opening lecture
- Seminar on Ordinary Differential Equations and Integration theory. Special session in honor of the 90th birthday of Jaroslav Kurzweil  
Praha, Czech Republic, invited lecture
- O.D. Equations Brno 2016. Dedicated to Professor Ondřej Došlý on the occasion of his 60th birthday  
Brno, Czech Republic, invited lecture
- Dynamical Systems and Applications IV  
Lodz, Poland, invited plenary lecture

- *3rd Conference on Recent Trends in Nonlinear Phenomena*  
Perugia, Italy, invited opening lecture
- *Workshop on Old and New Trends in ODEs. Dedicated to the retirement of Prof. Mauro Marini*  
Firenze, Italy, invited lecture

• 2017

- *James Serrin : from his legacy to the new frontiers*  
Perugia, Italy, invited lecture
- *25 años de la Sociedad Española de Matemática Aplicada*  
Sevilla, Spain, invited main lecture
- *Joint congress of BMS with Belgian Mathematics Teachers Associations VVWL and SBPMef*  
Bruxelles, Belgium, invited main lecture
- *International Conference on Topological Nonlinear Analysis. Dedicated to 70<sup>th</sup> anniversary of Norman Dancer*  
Guangzhou, China, invited lecture
- *RISM Workshop on PDE on the occasion of Daniela Lupo's 60<sup>th</sup> birthday*  
Varese, Italy, invited lecture
- *Differential Equations and Applications*  
Brno, Czech Republic, invited opening plenary lecture
- *4<sup>th</sup> Conference on Recent Trends in Nonlinear Phenomena*  
Messina, Italy, invited opening lecture
- *International Workshop on Nonlinear Analysis and Differential Equations. A celebration of the 60th birthday of Antonio Cañada*  
Granada, Spain, invited opening lecture
- *Circulation des mathématiques dans la Grande Région du XVIII<sup>e</sup> au XX<sup>e</sup> siècle*  
Luxembourg, GD Luxembourg, invited lecture
- *Non-linéarités. Colloque Cathy Dufour 2017*  
Nancy, France, invited opening lecture
- *La vulgarisation n'est pas vulgaire*  
Bruxelles, Belgique, invited lecture

• 2018

- *Juliusz Schauder Medal Workshop*  
Torún, Poland, invited opening lecture
- *Journée d'Analyse et EDP en l'honneur de Michel Willem*  
Bruxelles, Belgique, invited opening introduction
- *Szeged Dynamics Days 2018. Stability theory with applications in life sciences on the occasion of the 75<sup>th</sup> birthday of László Hatvani*  
Szeged, Hungary, invited opening lecture
- *1<sup>er</sup> Colloque du Didactif. Symposium Modèles, modélisation et pratiques enseignantes*  
Liège, Belgique, invited lecture

• 2019

- *Colloque Modèles : prévoir, comprendre, expliquer, interpréter, reproduire, trahir*  
Bruxelles, Collège Belgique, invited opening lecture
- *Mathématiques et société. Modéliser, prédire, décider*  
Lille, France, invited opening lecture
- *Italian-Romanian Colloquium on Differential Equations and Applications*  
Udine, Italy, invited opening lecture
- *New Perspectives in Nonlinear PDE. A research workshop in honor of Prof. Haïm Brezis*  
Haifa, Israël, invited lecture
- *International Workshop on Differential Equations on the occasion of Luis Sanchez's 70th birthday*  
Lisbon, Portugal, invited opening plenary lecture
- *Advances and Challenges in Nonlinear Analysis ... and Beyond ! on the occasion of Vieri Benci's 70th birthday*  
Bari, Italy, invited lecture
- *Résultats et problèmes en histoire des sciences mathématiques, à l'occasion des 70 ans du Séminaire d'histoire des mathématiques*  
Paris, France, invited lecture
- *Journée d'hommage à Paul Mansion*  
Marchin, Belgium, invited lecture
- *Mini-Symposium Nonlinear Analysis and Differential Equations*  
Lodz, Poland, invited opening lecture
- *VI Weekend on Variational Methods and Differential Equations*  
Catania, Italy, invited opening lecture

• 2020

- *Conférences à l'occasion du départ à la retraite de Christiane Hauchart*  
Louvain-la-Neuve, Belgium, invited opening lecture

• 2021

- *Webinar on Nonlinear Differential Problems via Variational, Topological and Set-Valued Methods*  
Messina, Italy, invited opening lecture
- *XIII Summer Workshop in Mathematics*  
Brasilia, Brazil, invited plenary lecture
- *International Meetings on Differential Equations and Their Applications*  
Lodz, Poland, invited lecture
- *GSDUAB Online Seminar*  
Barcelona, Spain, invited lecture
- *Colloque International Puissance et impuissance du nombre*  
Brussels, Belgium, invited opening lecture

- **2022**

- *44<sup>th</sup> Summer Symposium in Real Analysis*  
Orsay and Paris, France, invited opening lecture
- *Topological Methods in Nonlinear Analysis : Recent Advances. Conference in Memory of Professor Andrzej Granas*  
Montréal, Canada, invited opening lecture
- *47<sup>e</sup> Congrès de la Société Belge des Professeurs de Mathématiques*  
Huy, Belgium, invited opening lecture
- *International Workshop on Nonlinear Differential Problems*  
Giardini Naxos, Italy, invited opening lecture
- *Two Days on Qualitative Theory of Differential Equations. Gabrielle Villari's 70th birthday*  
Firenze, Italy, invited lecture
- *Recent and New Perspectives in Nonlinear Analysis on the occasion of the retirement of Patrizia Pucci*  
Urbino, Italy, invited closing lecture

### 13 Contributed papers and participation at conferences

- **1967 :**

- *IV<sup>th</sup> International Conference on Nonlinear Oscillations*  
Praha, Czechoslovakia, participation

- **1969 :**

- *Summer School on Dynamical Systems*  
Warwick, England, participation
- *V<sup>th</sup> International Conference on Nonlinear Oscillations*  
Kiev, USSR, contributed paper

- **1970 :**

- *International Congress of Mathematicians*  
Nice, France, participation

- **1971 :**

- *Journées du CBRM*  
Mons, Belgium, contributed paper

- **1972 :**

- *Equadiff III*  
Brno, Czechoslovakia, contributed paper

- **1973 :**

- *Equadiff 73*  
Brussels and Louvain-la-Neuve, Belgium, contributed paper
- **1976 :**
  - *Rocky Mountain Section Meeting of the MAA*  
Durango, USA, participation
  - *NATO Advanced Study Institute on Boundary Value Problems for Evolution Partial Differential Equations*  
Liège, Belgium, participation
- **1978 :**
  - *Equadiff 78 (in honour of G. SANSONE)*  
Firenze, Italy, contributed paper
- **1979 :**
  - *Colloque de l'Académie Royale de Belgique sur l'apport des progrès mathématiques récents au développement des sciences et des techniques*  
Brussels, Belgium, participation
- **1980 :**
  - *Réunion sur les équations aux dérivées partielles et l'analyse fonctionnelle*  
Han-sur-Lesse, Belgium, participation
  - *Research Conference of the Warwick Symposium on Dynamical Systems, stability and turbulence*  
Warwick, England, participation
- **1981 :**
  - *Congrès de la société mathématique de Belgique*  
Gent, Belgium, participation
- **1982 :**
  - *Equadiff 82*  
Würzburg, West-Germany, participation
- **1983 :**
  - *Congrès de la société mathématique de Belgique*  
Liège, Belgium, participation
  - *Workshop on nonlinear analysis and optimization*  
Louvain-la-Neuve, Belgium, participation
- **1984 :**
  - *Congrès de la société mathématique de Belgique*  
Brussels, Belgium, participation
- **1985 :**



- *Congrès “Sluse et son temps”*  
Liège, Belgium, participation
- **1986 :**
  - *International Congress of Mathematicians*  
Berkeley, USA, participation
- **1987 :**
  - *Congrès de la société mathématique de Belgique*  
Diepenbeek, Belgium, participation
- **1989 :**
  - *Symposium international “Cauchy et le monde mathématique français”*  
Paris, France, participation
  - *Equadiff 7*  
Praha, Czechoslovakia, contributed paper
- **1990 :**
  - *Centennial Workshop on Heun’s equation. Theory and applications*  
Ringberg, West Germany, participation
  - *Self-Organization, a scientific paradigm : western and eastern perspectives*  
Brussels, Belgium, participation
- **1991 :**
  - *Equadiff 91*  
Barcelona, Spain, participation
  - *Kolloquium der Forschungstipendiaten und Presiträger der Alexander von Humboldt-Stiftung in Belgien*  
Gent, Belgium, participation
  - *Third International Workshop-Conference on Evolution Equations, Control Theory and Biomathematics*  
Han-sur-Lesse, Belgium, participation
- **1992 :**
  - *International Conference on bifurcations in differentiable dynamics*  
Diepenbeek, Belgium, participation
  - *Colloque sur le développement des mathématiques entre 1900 et 1950*  
Luxembourg, participation
- **1994 :**
  - *Congrès International Henri-Poincaré*  
Nancy, France, communication
- **1995 :**

- *Séminaire d'Histoire des Mathématiques*  
Nancy, France, participation
- **1997 :**
  - *XX<sup>e</sup> Congrès International d'Histoire des Sciences*  
Liège, Belgium, participation
- **1998 :**
  - *Colloque en l'honneur de JACQUES-LOUIS LIONS*  
Paris, France, participation
  - *Conference on Dynamical Systems and Evolutionary Equations in honor of JACK K. HALE*  
Lisbon, Portugal, communication
- **2001 :**
  - *Joint Meeting of the BMS and the DMV*  
Liège, Belgium, participation
- **2002 :**
  - *Congrès de mathématiques appliquées à la mémoire de JACQUES-LOUIS LIONS*  
Paris, France, participation
- **2003 :**
  - *Journée de travail Sciences de l'homme et sciences de la nature*  
Paris, France, participation
- **2004 :**
  - *Nonlinear Analysis – Analyse non linéaire – In honor of HAÏM BREZIS*  
Paris, France, participation
  - *Solvay Symposium on time, irreversibility and self-organization, in memoriam ILYA PRIGOGINE*  
Brussels, Belgium, participation
- **2005 :**
  - *IVth International Workshop on Functional Analysis on the occasion of the 65<sup>th</sup> birthday of JEAN SCHMETS*  
Esneux, Belgium, participation
  - *28th General Assembly of International Council for Science (ICSU)*  
Suzhou, China, Belgian delegate
- **2006 :**
  - *Jose Anastasio da Cunha : o tempo, os ideas, a obra e ... os ineditos*  
Braga, Portugal, invited participation
- **2008 :**

- *La scuola di Giuseppe Peano fra matematica, logica e interlingua*  
Torino, Italie, invited participation
- **2009 :**
  - *Journées 40 ans du Laboratoire Jacques-Louis Lions*  
Paris, France, participation
- **2010 :**
  - *Journée d'analyse non linéaire*  
Louvain-la-Neuve, Bruxelles, participation
- **2011 :**
  - *Journée d'analyse non linéaire*  
Louvain-la-Neuve, Bruxelles, participation
- **2013 :**
  - *From 'Mixed' to 'Applied Mathematics' : tracing an important dimension of mathematics and its history*  
Oberwolfach, Germany, invited participation
  - *Europa Tage an der Universität Würzburg*  
Würzburg, Germany, invited participation
- **2014 :**
  - *Science en guerre et guerre des savants. Politique et réseaux scientifiques internationaux durant la Première Guerre mondiale*  
Brussels, Belgium, participation

## 14 Editing and refereeing

### 14.1 Journals

- **Editor-in-chief :** *Topological Methods in Nonlinear Analysis*
- **Honorary editor :**
  - *Advanced Nonlinear Studies*
  - *Nonlinear Analysis, theory, methods and applications*
- **Former member of the editorial board :**
  - *Abstract and Applied Analysis*
  - *Advanced Nonlinear Studies*
  - *Advances in Differential Equations*
  - *Boundary Value Problems*
  - *Bulletin de la Société Mathématique de Belgique*
  - *Differential and Integral Equations*
  - *Discrete and Continuous Dynamical Systems*

- *Dynamics Reported*
- *Electronic Journal of Differential Equations*
- *Electronic Journal of Differential Equations*
- *Electronic Journal of the Qualitative Theory of Differential Equations*
- *Journal of Difference Equations and Applications*
- *Journal of the European Mathematical Society*
- *Journal of Fixed Point Theory*
- *Journal of Fixed Point Theory and Applications*
- *Journal of Inequalities and Applications*
- *Journal of Mathematical Analysis and Applications*
- *Journal of the Nigerian Mathematical Society*
- *Mathematische Nachrichten*
- *Portugaliae Mathematica*
- *Mathematical Inequalities and Applications*
- *Nonlinear Analysis, theory, methods and applications*
- *Nonlinear Studies. The International journal*
- *Philosophia Scientiae*
- *Proceedings of the Royal Society of Edinburgh*
- *Revue d'histoire des mathématiques*
- *Rendiconti del Circolo Matematico di Palermo*
- *Transactions of the Russian Academy of Natural Sciences*
- *Zeitschrift für Analysis und ihre Anwendungen*

• **Present member of the editorial board**

- *Acta Mathematica Scientia*
- *Annales Mathematicae Silesianae*
- *Annals of the Brazilian Academy of Sciences*
- *Annals of the University of Bucharest (mathematical series)*
- *Bulletin Scientifique Université Polytechnique Bucarest*
- *Bulletin de la Société Royale des Sciences de Liège*
- *Communications on Applied Nonlinear Analysis*
- *Communications in Contemporary Mathematics*
- *Dynamics of Continuous, Discrete and Impulsive Systems A*
- *Georgian Mathematical Journal*
- *Libertas Mathematicas, New Series*
- *Nonlinear Oscillations*
- *Opuscula Mathematica*
- *Rendiconti dell Istituto Matematico dell Università di Trieste*
- *Revue des Questions Scientifiques*

• **Refereeing**

- Acta Mathematica Academiae Paedagogicae Nyiregyhaziensis
- Aequationes Mathematicae
- Afrika Matematika
- Analysis
- Analysis and Applications
- Annales de la Faculté des Sciences de Toulouse
- Annales de l’Institut Henri Poincaré. Analyse non linéaire
- Annales Mathematicae Silesianae
- Annales Polonici Mathematici
- Annales des Sciences Mathématiques du Québec
- Annales de la Société Scientifique de Bruxelles
- Annali della Scuola Normale Superiore
- Annali di Matematica Pura ed Applicata
- Applicable Analysis
- Applied Mathematics Letters
- Arab Journal of Mathematical Sciences
- Archiv der Mathematik
- Archives Internationales d’Histoire des Sciences
- Boletino del Unione Matematica Italiana
- Bulletin of the Brazilian Mathematical Society
- Bulletin of the Canadian Mathematical Society
- Bulletin de la Classe des Sciences de l’Académie Royale de Belgique
- Bulletin of the London Mathematical Society
- Bulletin of the Malaysian Mathematical Society
- Calculus of Variations and Partial Differential Equations
- Canadian Journal of Mathematics
- Canadian Mathematical Bulletin
- Commentationes Mathematicae Universitatis Carolinae
- Comptes Rendus de l’Académie des Sciences de Paris
- Computer & Mathematics with Applications
- Demonstratio Mathematicae
- Discrete Dynamics in Nature and Society
- Dynamic Systems and Applications
- Glasgow Mathematical Journal
- Glasnik Matematički
- Historia Mathematica
- Hokkaido Mathematical Journal

- Houston Journal of Mathematics
- Indagationes Mathematicae
- Indian Journal of Pure and Applied Mathematics
- International Journal of Mathematics and Mathematical sciences
- International Journal of Non-linear Mechanics
- Israel Journal of Mathematics
- Journal für Reine und Angewandte Mathematik
- Journal of Applied Analysis
- Journal of Applied Mathematics and Computing
- Journal of Computational and Applied Mathematics
- Journal of Differential Equations
- Journal of Mathematical Analysis and Applications
- Journal of Mathematical and Physical Sciences
- Journal of the Australian Mathematical Society
- Journal of the London Mathematical Society
- Letters in Mathematical Physics
- Maghreb Mathematical Review
- Manuscripta Mathematica
- Mathematical and Computer Modelling
- Mathematical Proceedings of the Cambridge Philosophical Society
- Mathematische Annalen
- Mathematische Nachrichten
- Mathematische Zeitschrift
- Memoirs of the American Mathematical Society
- Methods and Applications of Analysis
- Monatshefte für Mathematik
- Nonlinear Dynamics
- Opuscula Mathematica
- Pacific Journal of Mathematics
- Physics Letters A
- Potential Analysis
- Proceedings of the American Mathematical Society
- Proceedings of the Edinburgh Mathematical Society
- Proceedings of the Indian Academy of Science
- Proceedings of the Irish Academy of Science
- Proceedings of the London Mathematical Society
- Proceedings of the Royal Society of Edinburgh
- Publicaciones Mathematicae Debrecen

- Real Analysis Exchange
- Rendiconti Circolo Matematico di Palermo
- Rendiconti Seminario Matematico Università e Politecnico Torino
- Resultate der Mathematik
- Results in Mathematics
- Rivista di Matematica Pura ed Applicata
- Rocky Mountain Journal of Mathematics
- Science in China
- SIAM Journal of Applied Mathematics
- SIAM Journal of Control and Optimization
- SIAM Journal of Mathematical Analysis
- Studia Scientia Mathematica Hungarica
- Studia Mathematica
- Transactions of the American Mathematical Society
- Zeitschrift für Angewandte Mathematik und Physik

## 14.2 Books

### Editing :

- *Progress in Nonlinear Differential Equations and Their Applications*, Birkhäuser: member of the editorial board
- *Histoires de géométries* : member of the editorial board

### Refereing :

- Springer Verlag
- Pitman Publishing Ltd
- American Mathematical Society
- Wiley and Sons
- Kluwer Publishing
- Gordon and Breach
- Oxford University Press
- De Boeck Université

## 15 Reviewing

- Revue des Questions Scientifiques
- Mathematical Reviews
- Mededelingen van het Wiskundig Genootschap Nederland
- Zentralblatt für Mathematik
- SIAM Review
- Zeitschrift für Angewandte Mathematik und Physik
- Bulletin de la Société Mathématique de Belgique
- Bulletin of the American Mathematical Society
- Isis
- Historia Mathematica

## 16 Ph.D. committees

### 16.1 University of Louvain

- **Advisor :**
  - **1974 :**  
BENOIT LALOUX
  - **1979 :**  
MICHEL WILLEM
  - **1984 :**  
MARIUS NKASHAMA
  - **1987 :**  
ASSOHOUN ADJE
  - **1988 :**  
BERNADETTE ERMENS
  - **1990 :**  
WALO OMANA
  - **1992 :**  
KHALID SAMI
  - **1993 :**  
CÉCILE PIERSON-GOREZ  
YAMNA GHABBAR
  - **1994 :**  
ABDOU KOUIDER BEN-NAOUM
  - **1995 :**  
MARC HENRARD



- **1998** :  
THIERRY DE PAUW
- **2001** :  
VALENTINA TADDEI
- **2006** :  
CRISTIAN BEREANU
- **2009** :  
VINCENT BOUCHEZ

• **Member of the committee :**

- **1970** :  
MARIA COVACI-MUNTEANU
- **1971** :  
CAMILLE DEBIÈVE
- **1972** :  
ÉMILE MUYLDERMANS
- **1973** :  
PATRICK HABETS
- **1974** :  
MICHEL LALOY
- **1975** :  
JEAN-PIERRE DELFOSSE
- **1976** :  
JORGE ROJO MORALES
- **1977** :  
TEMO BEKO DE LOSO
- **1980** :  
CHARLES NYANDWI  
PHILIPPE MATHIEU
- **1983** :  
LUC HAINE
- **1985** :  
CHRISTIANE HAUCHART
- **1987** :  
CONSTANTIN BECHLIVANIDIS
- **1988** :  
BRUNO LOISEAU  
YVES FÉLIX (agrégation)  
MARGUERITE SCHNEIDER
- **1989** :  
MICHEL COYETTE  
SHIMATA BAKAJIMA TSHINANGA
- **1992** :  
VINCENT BLONDEL

- **1993** :  
FRANÇOIS MUNYAMARERE  
BERNARD DE MEYER
- **1994** :  
COLETTE DE COSTER  
RODOLPHE SÉPULCHRE
- **1996** :  
CHRISTOPHE TROESTLER
- **1999** :  
THÉRÈSE GILBERT
- **2000** :  
DIDIER SMETS  
BRUNA GAINO
- **2001** :  
LAURENT VANDERPUTTEN
- **2002** :  
MARIELLE CHERPION
- **2004** :  
GAUTIER BERCK  
DENIS BONHEURE  
CLAUDIA CENTAZZO
- **2005** :  
JEAN VAN SCHAFTINGEN  
PAUL SINTZOFF  
CHRISTOPHE BOILLEY
- **2006** :  
PAUL ROISIN
- **2007** :  
LAURENT CLAESSENS  
KARIM MOUNIHR  
MÉLANIE RACZEK
- **2008** :  
LAURENT MOONENS  
OBED NTABUHASHE ZAHINDA  
JULIEN FEDERINOV  
JORDAN GOBLET  
MATHIEU DUPONT
- **2013** :  
MARIANNE MICHEL
- **2015** :  
PALOMA DE LA VALLÉE POUSSIN

## 16.2 Other universities

- **Advisor** : 1988 : ALESSANDRO FONDA (SISSA, Trieste)

• **Member of the committee :**

- **1975 :**  
HELMUT KNOLLE (Ruhr-Universität Bochum)  
MARCEL STRASBERG (Université Libre de Bruxelles)
- **1976 :**  
THEO D'HONDT (Vrije Universiteit Brussel)
- **1977 :**  
AMAR OUSSALAH (Université de Provence, Marseille)  
JACQUES-HENRI BALBI (Université de Franche-Comté, Besançon)  
PATRICK MULDOWNNEY (University of Ulster, Coleraine)
- **1978 :**  
GEORG HETZER (RWT Hochschule Aachen, Habilitation)  
HARALD MÖNCH (Gesamthochschule Paderborn)
- **1979 :**  
GERD-FRIEDRICH VON HARTEN (Gesamthochschule Paderborn)
- **1980 :**  
ANDRÉ VANDERBAUWHEDE (Rijksuniversiteit Gent, agrégation)  
ROLAND SERGIJSELS (Université Libre de Bruxelles, agrégation)
- **1981 :**  
ROGER-MARIE DUBOIS (Université de Mons)  
ÉMILE URLACHER (Université Louis-Pasteur, Strasbourg)  
MARC DIENER (Université Louis-Pasteur, Strasbourg)
- **1983 :**  
ABDOU KOUIDER BEN-NAOUM (Université de Lille, 3<sup>e</sup> cycle)
- **1986 :**  
MARTINE FOSSET (Université de Mons)  
AIT OUASSARAH (Université de Sherbrooke)  
MOHAMED KURDI (Université de Metz)  
LUDGER BRÜLL (Universität Köln)
- **1987 :**  
AHMED ADDOU (Université Libre de Bruxelles)  
AOMAR ANANE (Université Libre de Bruxelles)
- **1988 :**  
MARYSE BOURLARD (Université de Mons)  
ABDELMOUJIB BENKIRANE (Université Libre de Bruxelles)  
ABDESSALAM MKHALFI (Université de Sherbrooke)  
STEPHEN LYNCH (University College of Wales, Aberystwyth)
- **1990 :**  
MICHELE BALZANO (SISSA, Trieste)  
ANNA CAPIETTO (SISSA, Trieste)  
VALERIA CHIADO'PIAT (SISSA, Trieste)  
DANIELA LUPO (SISSA, Trieste)  
ROBERTA MUSINA (SISSA, Trieste)  
ANTONIO ORNELAS (SISSA, Trieste)  
GABRIELLA PADERNI (SISSA, Trieste)  
VASILE STAICU (SISSA, Trieste)

- SUSANNA TERRACCINI (SISSA, Trieste)  
MICHEL STOLTZ (CUL, Luxembourg, mémoire scientifique du stage  
pédagogique)  
MARIE-CHRISTINE NÉEL (Université Paul Sabatier, Toulouse)
- **1991** :  
MIMOUN MOUSSAOUI (Université Libre de Bruxelles)  
MIGUEL RAMOS (Université de Lisbonne)  
JOËL BLOT (Université de Paris IX)  
KHADIJA SAADI DRISSI (Université de Sherbrooke)
  - **1992** :  
JANE M. PEARSON (University College of Wales, Aberystwyth)  
ALBERTO CABADA (Universidad de Santiago de Compostela)
  - **1993** :  
DIRK NONNENMACHER (Universität Ulm)  
MABEL CUESTA (Université Libre de Bruxelles)  
ZITAN AMINE (Universidad de Granada)
  - **1994** :  
NADIR SARI (Université de Haute-Alsace, Mulhouse)  
MARCELA MOLINA-MEYER (Universidad Autonoma Madrid)  
ANGELA PISTOIA (Università di Pisa)
  - **1995** :  
CLAVIER (Université de Metz 5)  
THOMAS MRZIGLOD (Universität Köln, habilitation)
  - **1996** :  
PHILIPPE CIEUTAT (Université de Paris 1)  
JOSE MIGUEL ALONSO (Universidad de Granada)  
PASCAL BORDE (Université Blaise-Pascal, Clermont-Ferrand)  
RICARDO MOLLE (Università di Pisa)  
EUGENE STEPANOV (Scuola Normale Superiore Pisa)
  - **1998** :  
FRANCISCO ROCA RODRÍGUEZ (Universidad de Granada)  
LU JITAN (Nanyang Technological University, Singapore)  
MOHSSINE ALIF (Université Libre de Bruxelles)
  - **1999** :  
FABRIZIO COLACITO (Université de Mons-Hainaut)
  - **2000** :  
AURELIANO ROBLES PEREZ (Universidad de Granada)  
DUCCIO PAPINI (SISSA, Trieste)  
CÉLINE AZIZIEH (Université Libre de Bruxelles)
  - **2001** :  
BENEDETTA PELLACCI (Scuola Normale Superiore Pisa)  
SANTIAGO CANO CASANOVA (Universidad Complutense Madrid)
  - **2002** :  
DAVID RUIZ (Universidad de Granada)  
ANTONIO UREÑA (Universidad de Granada)
  - **2003** :  
JEAN-CLAUDE KAMGANG (Université de Metz)

- **2004** :  
CARLOS MORA-CORRAL (Universidad Complutense Madrid)
- **2006** :  
FRÉDÉRIC BRECHENMACHER (EHESS Paris)  
IULIAN DUCA (Universitatea Politehnica Bucurest)  
JEAN-LUC DIMI (Université Paul Verlaine Metz)
- **2007** :  
HOAI-MINH NGUYEN (Université de Paris VI)  
JUAN F. RUIZ HIDALGO (Universidad de Granada)  
BOYAN SIRAKOV (Université de Paris VI, Habilitation)
- **2008** :  
SCOTT WALTER (Université de Nancy-2, Habilitation)
- **2009** :  
JOSEPH MBANG (Université de Metz)  
ANDRADE SANTOS (Universidade de Aveiro)
- **2010** :  
ABDERRAHMAN IGGIDR (Université Sofia-Antipolis Nice, Habilitation)
- **2011** :  
JEAN-MARC GINOX (Université de Paris 6)
- **2012** :  
ALBERTO BOSCAGGIN (SISSA Trieste)  
ELISA DAVOLI (SISSA Trieste)  
SERENA DIPIERRO (SISSA Trieste)  
MAURIZIO GARRIONE (SISSA Trieste)  
ANDREA SFECCI (SISSA Trieste)  
LAURA GABRIELA MATEI (Universitatea Politehnica Bucurest)
- **2013** :  
ANDREA TELLINI (Universidad Complutense Madrid)
- **2015** :  
ÁLVARO ARTURO SANJUÁN CUÉLLAR (Universidad Nacional de Colombia Bogota)  
CHIARA CORSATO (Università di Trieste)  
ISABEL COELHO (Université Libre de Bruxelles)  
DAVID GONZÁLEZ DE LA ALEJA GALLEG0 (Universidad Complutense Madrid)
- **2016** :  
DANIEL DE LA FUENTE BENITO (Universidad de Granada)  
GUGLIELMO FELTRIN (SISSA Trieste)  
PAOLO GIDONI (SISSA Trieste)
- **2021** :  
GIULIANO KLUN (SISSA Trieste)

## 17 Administration (University of Louvain)

- **Research Council of the University** : member (1988-93)

- **Faculty of Science** : chairman of the council (1983-89)
- **Interfaculty Institute of Pure and Applied Mathematics** : chairman (1978-81)
- **Department of Mathematics**
  - secretary (1970-75)
  - chairman (1981-83)
  - chairman of the section ‘pure mathematics’ (1978-83)
  - chairman of the section ‘mathematical analysis and mechanics’ (1983-2006)
  - chairman of the board of examiners of the undergraduate section in mathematics and physics (1985-99; 2004-05)
  - chairman of the jury of the PhD in mathematics : (2004-08)

## 18 Committees

### 18.1 International

- **Commission on Development and Exchange of the International Mathematical Union** : member (1991-94, 1995-98)
- **International Center for Pure and Applied Mathematics (CIM-PA-ICPAM)** : president (1997-2001) and member (2001-05) of the Scientific Committee
- **International Federation of Nonlinear Analysts** : member of the Board of Experts (1997)
- **Centro de Matemática e Aplicações Fundamentais (CMAF) of Lisbon** : member of the Consultative Committee (1997-2015)
- **Institut Girard Desargues, Université Claude Bernard Lyon 1** : member of the Scientific Committee (1998)
- **Matematický ústav Akademie věd ČR Praha** : member of the International Advisory Board (2004-)
- **SISSA, Trieste** : member of the International Advisory Board (2005-2015)
- **European Science Foundation** : member of the Pool of Reviewers (2006-2010)

### 18.2 National

- **Belgian National Committee of Mathematics**
  - member (1980-2005), adjoint-secretary (1980-88), secretary (1988-92), vice-president (1992-96), president (1996-2000), honorary member (2005-),

- Belgian delegate at the Meeting of the International Mathematical Union at Oakland (1986), Luzern (1994), Dresden (1998)
- **Belgian National Committee of Logic, History and Methodology of Science** : associate member (1993-)
- **Belgian Mathematical Society** : member of the Committee (1983-2000)
- **Société Scientifique de Bruxelles** : member of the Council (2000-), vice-president of the Council (2001-02), president of the Council (2002-03)
- **Commission de mathématiques du Fonds National de la Recherche Scientifique (FNRS)** : member (1985-95)
- **Commission de qualification de Mathématique de la Communauté française de Belgique** : member (1992-95)
- **Commission Mathématiques du Fonds de la Formation à la Recherche dans l'Industrie et dans l'Agriculture (FRIA)** : member (1995-2005), president (2001-05)
- **Académie Royale de Belgique** : member of the
  - Commission de la Biographie Nationale (1990-; vice-president 2012-2016; president 2016-)
  - Comité de Révision de la Biographie Nationale (1996-)
  - Commission Nationale du Conseil International des Unions Scientifiques (1990-2001)
  - Commission des finances (1999-2000)
  - Commission administrative (1999-2003)
  - Commission de la bibliothèque et des archives (2000-)
  - Commission consultative des trois classes (2001-04)
  - Commission des Anciens Auteurs Belges (2001-)
- **Committee of the Royal Academies of Science and the Arts of Belgium (RASAB)** (2001-2018) (president in 2002)
- **National Council of Scientific Unions** (president 2002-08)
- **International Council of Science (ICSU)** (Belgian delegate 2002-08)

## 19 Memberships

### 19.1 Present

- Société mathématique de Belgique
- Société mathématique de France
- Société scientifique de Bruxelles

## 19.2 Past

- American mathematical society
- Society for Industrial and Applied Mathematics
- Mathematical Association of America
- Association Henri Poincaré pour l'histoire et la philosophie des mathématiques et de la physique modernes
- International Federation of Nonlinear Analysts
- International Society of Difference Equations
- European Mathematical Society

## 20 Grants

- Research grant (Crédit au chercheur) of the Fond National de la Recherche Scientifique (Belgian FNRS) : 1973-2007
- EC Network Contract ERBCHRXCT94055, 1994 (coordinator)
- EC-Chili Contract CII\*-CT 93-0323, 1997
- Research in Pairs (Mathematisches Forschungsinstitut Oberwolfach), 2008

## 21 Consulting for grants and awards

- National Science Foundation (USA)
- Fonds National de la Recherche Scientifique (Belgium)
- NATO scientific committee
- Belgian-American Foundation
- Concours des bourses de voyages (Belgium)
- John Simon Guggenheim memorial foundation (USA)
- Conseil de recherches en sciences naturelles et en génie (Canada)
- Frans van Cauwelaert fonds (Belgium)
- EWR Steacie memorial fund (Canada)
- International centre for theoretical physics at Trieste (Italy)
- Australian Academy of Science
- Third World Academy of Science (Trieste)
- Kyoto Prizes
- Fonds pour la Formation de Chercheurs et l'Aide à la Recherche (Canada)



- Grant Agency of the Czechoslovak Academy of Sciences
- Dutch National Science Foundation
- United States-Israel Binational Science Foundation
- Prix Fermat (France)
- Third World Academy of Science Awards (Trieste)
- International Science Foundation
- Prix des Amis de l'Université de Liège
- Australian Research Council
- Centre International de Mathématiques Pures et Appliquées (CIMPA, France)
- Fondation Camille Liégeois (1997-1998)
- Commission Européenne (1997-1998)
- Politecnico di Torino (1999)
- Ministero dell'Università e della Ricerca Scientifica e Tecnologia (Italie)
- Research Plan Evaluation Commission of the Ministry of Education, Youth and Sports of Czech Republic
- Conseil des Arts du Canada : Bourses Killam

## **22 Member of jury for grants and awards**

### **22.1 Académie Royale de Belgique**

- Concours annuel
- Prix François Deruyts
- Prix Agathon de Potter (mathématiques)
- Prix Joseph de Keyn
- Prix Jacques Deruyts
- Prix Auguste Sacré
- Prix Eugène Catalan
- Prix Charles Lagrange
- Prix Théophile De Donder
- Prix Adolphe Wetrems
- Prix de l'Académie (1996, 2002)

- Prix de la Fondation Jacques et Yvonne Ochs-Lefebvre (1992-97)
- Fondation Merghelynck (1999-)
- Commission de la Fondation de Potter (1999-. chairman 2004-)
- Commission de la Fondation Camille Liégeois (2015-)

## 22.2 Société Mathématique de France

- Prix d'Alembert (2000, 2002)
- Prix d'Alembert des Lycéens (2000)
- Prix Anatole Decerf (2002)

## 22.3 Société Royale des Sciences de Liège

- Prix Godeaux (2000)

## 22.4 Belgian-American Educational Foundation

- Alumni Award in Exact Sciences (2008, 2013, 2018)

## 22.5 Schauder Center Torun

- Schauder medal (2014, 2017)

## 22.6 International Society of Difference Equations

- Aulbach Prize (2017)

## 23 Awards

- 1970 – **Lauréat du Concours des bourses de voyages** (Ministère de l'Éducation Nationale, 96/100)
- 1971 – **Prix des Amis de l'Université de Liège**
- 1971 – **Prix Marcel Dehalu** (Institut d'Astrophysique de l'Université de Liège)
- 1973 – **Prix scientifique Louis Empain** (section mathématiques)
- 1976 – **Prix Agathon de Potter** (mathématiques) (Académie Royale de Belgique – three years period 1973-75)
- 1980 – **Medal of the Vrije Universiteit Brussels**
- 1983 – **Prix Auguste Sacré** (Académie Royale de Belgique – six years period 1976-82)
- 1989 – **Alexander von Humboldt Award** for the scientific cooperation between Belgium and West-Germany

- 1990 – **Mathematical Medal of the Union of Czechoslovak Mathematicians and Physicists**
- 2002 – **Bernard Bolzano Honorary Medal** (Czech Academy of Science)
- 2013 – **Juliusz Pawel Schauder Medal** (Nicolaus Copernicus University and Schauder Center for Nonlinear Studies, Toruń, Poland)
- 2014 – **Premio Pythagoras di Crotona** (Fundazione Anassilaos, Arte, Cultura, Economia, Science, Reggio du Calabria, Italy)
- 2015 – **Bernd Aulbach Prize** (International Society of Difference Equations)
- 2022 – **Andy Award** for significant contributions to real analysis

## 24 Elected Fellowships

- **Société Royale des Sciences de Liège** :  
elected Corresponding Fellow (1981)
- **Académie Royale des Sciences, des Lettres et des Beaux-Arts de Belgique** :
  - elected Corresponding Fellow (1986) and Fellow (1992) of the *Classe des Sciences*
  - elected Vice-director of the *Classe des Sciences* for 2001
  - elected Director of the *Classe des Sciences* for 2002
  - elected President of the Académie for 2002
- **Institut Grand-Ducal de Luxembourg** :  
elected Honorary Fellow (1992)
- **Russian Academy of Natural Sciences** :  
elected Foreign Fellow (1997)
- **Accademia Toscana di Scienze e Lettere ‘La Colombaria’** :  
elected Corresponding Fellow of the class of mathematical, physical and natural sciences (2004)

## 25 Honorary degrees

- **2002** : Doctor honoris causa of the University of Bucarest (Romania)
- **2006** : Doctor honoris causa of the Polytechnic University of Bucarest (Romania)
- **2008** : Doctor honoris causa of the University of Granada (Spain)

## 26 Honoric distinctions

- **Ordre de Léopold** : Officier (1988/12/14), Commandeur (1995/02/10)
- **Ordre de la Couronne** : Grand Officier (2006/03/05)
- **Médaille civique** de première classe (1995/11/21)

## 27 Honoric manifestations

### 27.1 Conferences

- **Colloque en l'honneur de Jean Mawhin**, March 11-12, 2002, Institut Henri Poincaré, Paris, France.
- **Homenaje a Jean Mawhin por sus primeros 60 años de Análisis no lineal**, April 4-5, 2003, Universidad de Sevilla, Spain.
- **Mini Symposium sur les équations aux dérivées partielles non linéaires dans les sciences appliquées dédié à Jean Mawhin à l'occasion de son 65ème anniversaire**, 9<sup>e</sup> Colloque franco-roumain de mathématiques appliquées, Brasov, Romania, 2008.
- **Nonlinear Differential Equations. A Tribute to the work of Patrick Habets and Jean Mawhin on the occasion of their 65th birthday**, Royal Academy of Belgium, Brussels, 2008.

### 27.2 Books or special issues of journals

- **The First 60 Years of Nonlinear Analysis of Jean Mawhin**, M. Delgado, J. López-Gómez, R. Ortega, A. Suárez (ed.), World Scientific, Singapore, 2004.
- **Differential and Integral Equations**, vol. 22, Nr 9-10, *papers dedicated to Patrick Habets and Jean Mawhin for their 65th birthday*, D. Bonheure, J.P. Gossez, J. Van Schaftingen and M. Willem (ed.), September/October 2009.
- **Annals of the University of Bucharest (mathematical series)**, vol. 3, Nr 2, *Special Issue 'Jean Mawhin is 70'*, 2012.
- **Discrete and Continuous Dynamical Systems - Series A (DCDS-A)**, vol. 33, Nr 1, *Special Issue 'Tribute to Jean Mawhin'*, A. Fonda, R. Ortega and K. Schmitt (ed.), January 2013.
- **Boundary value problems**, *Special Issue for 70th anniversary of Jean Mawhin*, A. Cabada, P. Jebelean, L. Sanchez, F. Zanolin (ed.), Springer, 2013
- **Rendiconti dell'Istituto di Matematica dell'Università di Trieste**, vol. 49 (2017), dedicated to the 75th anniversary of Jean Mawhin.

## 28 Media

### 28.1 Journals and newspapers

- “Un ancien (1<sup>e</sup> scientifique 60), professeur à l’Université de Louvain”, Jean Mawhin, *Vert et Vieux*, No. 41, juin 1983
- “A l’origine des sciences, la planète Math”, *Le Soir*, 28/12/1984
- “Le Prix von Humboldt décerné à un Heusytois”, *Le Jour-Le Courrier*, 16/8/1989
- “Mes oncles et mes cousins de Roumanie”, *Ziarul de Duminica*, 14/6/2002
- “Jean Mawhin, Docteur Honoris Causa de l’Université de Bucarest”, *Analele Universitatii Bucuresti, Matematica*, LI (2002), 197-210
- “Fractales attractions”, *Le Vif/L’Express*, 5/7/2002
- “Poincaré, un touche à tout de génie”, *Le Soir*, 9/10/04
- “Poincaré avait devancé Einstein”, *La Libre Belgique*, 14/10/04
- “Un monde économe ?”, *Athena*, 204, octobre 2004, 87-92
- “Les histoires belges de Poincaré. Entretien avec Jean Mawhin”, *Lettre d’Information de l’Académie Royale de Belgique* No. 45, mai 2012

### 28.2 Radio and TV

- Les mathématiques : *Semences de curieux*, *RTBF 1* (Belgian Radio), 28/3/2004
- Henri Poincaré, *Science sans conscience n’est que ruine de l’âme, oui mais conscience sans science n’est qu’un vilain gros mot*, *Radio Campus (ULB)*, 9/1/07 and 10/1/07
- El matemático belga, Jean Mawhin, *Canal 2 Andalucía (TV)*, 26/06/08, 28/06/08 and 02/07/08 (<http://www.cedecom.es/cedecom-ext/noticia.asp?id=650>)
- Évolution des mathématiques, *Semences de curieux*, *RTBF 1* (Belgian Radio), 4/10/09, 11/10/09, 25/10/09, 8/11/09, 15/11/09, 22/11/09
- Le père Bosmans, historien des mathématiques, *Science sans conscience n’est que ruine de l’âme, oui mais conscience sans science n’est qu’un vilain gros mot*, *Radio Campus (ULB)*, 2011
- Henri Poincaré, *Semences de curieux*, *RTBF1* (Belgian Radio), 10/06/12, 17/06/12, 24/06/12
- Les histoires belges d’Henri Poincaré. *Science sans conscience n’est que ruine de l’âme, oui mais conscience sans science n’est qu’un vilain gros mot*, *Radio Campus (ULB)*, 4/12/12; 5/12/12
- Jean Mawhin, mathématicien, *RCF Sud Belgique*, mai 2022