

## Slavu Nela

### Lucrări publicate

1. Cristian DINCA, Nela SLAVU, Adrian BADEA, *Benchmarking of the pre/post-combustion chemical absorption for the CO<sub>2</sub> capture*, Journal of the Energy Institute xxx (2017) 1 – 12, <http://dx.doi.org/10.1016/j.joei.2017.01.008>.
2. Adrian PASCU, Nela SLAVU, Adrian BADEA, Cristian DINCA, *EVALUATION OF THE PHYSICAL SOLVENTS USED IN CO<sub>2</sub> POST-COMBUSTION PROCESSES*, U.P.B. Sci. Bull., Series C, Vol. 79, Iss. 1, 2017, ISSN 2286-3540.
3. Cristian DINCA, Cosmin MARCULESCU, Adrian BADEA, Nela SLAVU, Adrian PASCU, *Îndrumar de proiectare a echipamentelor de captare CO<sub>2</sub> prin absorbție chimică*. București, 2017, 170 pg., Editura Politehnica Press, ISBN: 978-606-515-744-6.

### Prezentări lucrări conferințe internaționale

1. ICBE 2017, The 11th International Conference on Business Excellence, 30-31 March 2017, Bucharest, Romania, Titlu lucrare: *Economical aspects of the CCS technology integration in the conventional power plant*.
2. COFRET'16 Bucarest (le 29 – 30 juin 2016), Titlu lucrare: *Benchmarking of the pre/post combustion chemical absorption for CO<sub>2</sub> capture*.
3. WEC CENTRAL & EASTERN EUROPE REGIONAL ENERGY FORUM – FOREN 2016, 12-16 June 2016, Vox Maris Grand Resort, Costinesti, Romania, Titlu lucrare: *Life cycle assessment of the power plant with CO<sub>2</sub> chemical absorption process*.
4. CIEM 2015, 7<sup>th</sup> International Conference on Energy and Environment, 22-23 octombrie 2015, Iași, Romania, Titlu lucrare: *Technico-economical evaluation of chemical absorption technology integration in CO<sub>2</sub> capture pre-combustion process for electricity generation*.
5. CIEM 2015, 7<sup>th</sup> International Conference on Energy and Environment, 22-23 octombrie 2015, Iași, România, Titlu lucrare: *Fezabilitatea integrării proceselor CCS în cadrul CTE*.