



# 2013 - 2014

- D.V. Nichita, M. Petitfrère (2013) Phase Stability Analysis using a reduction method. *Fluid Phase Equilibria*, 358, pp. 27-39. JP
- S. Cambon, I. Bogdanov (2013) High-Frequency Electromagnetic Heating: 3D Model for Petroleum Production Applications. *European COMSOL Conference 2013, October 23-25, Rotterdam, Netherlands*. CA [Télécharger le fichier](#)
- I. Bogdanov, J. Kpahou, F. Guerton (2013) Direct numerical simulations of flow through real porous media. *5th International Conference on Porous Media, INTERPORE, May 21-24, Prague, Czech Republic*. CA Abstract [Télécharger le fichier](#)
- M. Petitfrère, D.V. Nichita (2014) Robust and efficient Trust-Region based stability analysis and Multiphase flash calculations. *Fluid Phase Equilibria*, 362, pp. 51-68. JP
- M. Petitfrère, D.V. Nichita, F. Montel (2014) Multiphase equilibrium calculations using the semi-continuous thermodynamics of hydrocarbon mixtures. *Fluid Phase Equilibria*, 362, pp. 365-378. JP
- A. Pérez, M. Mujica, I. Bogdanov, J. Hy-Billiot (2014) A methodological analysis of the mechanisms associated to steam-solvent co-injection processes using dynamic gridding. *SPE 169075 paper presented at the 19th Improved Oil Recovery Symposium, 12-16 April 2014, Tulsa, OK, USA*. CA // A. Pérez, M. Mujica, I. Bogdanov, J. Hy-Billiot (2015) Analysis of Steam/Solvent Co-injection Processes by Use of Dynamic Gridding. *Journal of Petroleum Technology*, March 2015, 67, pp. 128-132. JP
- A. Pérez, M. Mujica, I. Bogdanov, B. Corre (2014) Modeling in-situ upgrading of heavy-oils by subsurface pyrolysis. *World Heavy Oil Congress, March 2014, New Orleans, LA, USA*. CA [Télécharger le fichier](#)
- M. Mujica, I. Bogdanov, I. Orif (2014) Appraisal of electrical heating simulation results by different modeling tools. *World Heavy Oil Congress, March 2014, New Orleans, LA, USA*. CA [Télécharger le fichier](#)
- I. Bogdanov, J. Kpahou, I. Bondino, (2014) Image Based Pore-scale Models of Flow through Porous Media – Oil Recovery Applications. *14th European Conference on Mathematics in Oil Recovery, ECMOR XIV, September 2014, Catania, Italy*. CA [Télécharger le fichier](#)