

Groupe de Contact FNRS "Calcul Intensif "

7th CÉCI Scientific Workshop

Friday 24 April 2015

Université de Mons, [Campus des Sciences et de la Médecine](#)

Grands Amphithéâtres (9) , Salle Marie Curie

- 13h00 *Welcome*
- 13h30 Wolfgang WENZEL, Karlsruhe Institute of Technology
'Multiscale modelling of nanoscale materials and electronic transport'
- 14h10 Vincent LEMAUR, UMONS
'Charge transport in π -conjugated polymers : a combined classical-quantum approach to establish structure-property relationships'
- 14h30 Timoteo CARLETTI, UNamur
'Mathematics beyond paper and pencil. A personal view'
- 14h50 Samir SID, ULg
'A massively parallel Navier-Stokes solver on Tier-0 supercomputers'
- 15h10 *Coffee break*
- 15h40 Philippe CHATELAIN, UCL
'Massively parallel simulations of vortical flows: from academia to industry-oriented problems'
- 16h00 Sara MORADI, ULB
'Gyro-kinetic analysis of micro-turbulence in fusion tokamaks'
- 16h20 Nilo COUTINHO MENEZES, UMONS
'Using asynchronous MPI and task stealing to enhance HPC performance of a distributed railway system simulator'
- 16h40 Serge BOGAERTS, Cenaero
'Introducing Zenobe, the Tier-1 facility at Cenaero'
- 17h10 *Drink*

Inscription : **free but mandatory registration, before April 10th,**
by email to David.Colignon@ulg.ac.be

WWW : <http://www.ceci-hpc.be/scientificmeeting.html>