

Workshop: Enabling Scientific Computing on the IBM Power 775 Supercomputer

ICM, University of Warsaw, ul. Pawińskiego 5a, Warsaw

10-12 April, 2012

Tuesday, April 10

19:00 **Welcome Dinner:**

Doppio Restaurant, ul. Gałczyńskiego 3, Warszawa

<http://doppio-senso.pl>

Wednesday, April 11

| Time | Title | Speaker |
|---------------|--|----------------------------|
| 9:00 – 9:15 | Introduction | M. Niezgódka (ICM UW) |
| 9:15 – 9:45 | POWIEW Project introduction | M. Filocha (ICM UW) |
| 9:45 – 10:15 | Developing Technology for Exascale Computing | M. Remiszewski (IBM) |
| 10:15 – 11:00 | IBM Power 775 architecture overview | R. Rajamony (IBM Research) |
| 11:00 – 11:30 | Coffee break | |
| 11:30 – 12:15 | Power 775 Interconnect (HFI) | R. Rajamony (IBM Research) |
| 12:15 – 13:00 | Application Area 1: Numerical Weather Prediction | M. Szpindler (ICM UW) |
| 13:00 – 14:00 | Lunch | |
| 14:00 – 14:45 | Application Area 2: GUPS | R. Rajamony (IBM Research) |
| 14:45 – 15:30 | IBM HPC Software Stack | G. Cong (IBM Research) |
| 15:30 – 16:00 | Coffee break | |
| 16:00 – 17:00 | Individual work on Boreas | Assistance from ICM staff |

Thursday, April 12

| Time | Title | Speaker |
|---------------|-------------------------------|--|
| 9:00 – 10:00 | IBM HPC Toolkit | G. Cong (IBM Research) |
| 10:00 – 11:00 | Visit to Boreas | A. Niegowski (ICM UW) |
| 11:00 – 11:30 | Coffee break | |
| 11:30 – 12:15 | Application Area 3: Cosmology | W.A. Hellwing (ICM UW), M.Cytowski (ICM UW) |
| 12:15 – 13:00 | Individual work on Boreas | Assistance from ICM staff |
| 13:00 – 14:00 | Lunch | |
| 14:00 – 14:30 | Closing and conclusions | |