TUTORIAL PROGRAM

Monday 7 May 2012 :

12:30 – 13:30

Lunch at the Institute

14:00 – 17:30

Wavelets, sparse representations and denoising

Sandrine Pires (CEA Saclay)

Coffee break at 16:00

Welcome Cocktail at 19 :30

Tuesday 8 May 2012 :

9:00 – 12:30

Inverse Problems (deconvolution) and Compressed Sensing

Jean-Luc Starck and Florent Sureau (CEA Saclay)

Coffee break at 10:30

12:30 – 13:30

Lunch at the Institute

14:00 – 17:30

Inverse Problems (deconvolution) and Compressed Sensing

Jean-Luc Starck and Florent Sureau (CEA Saclay)

Coffee break at 16:00

Wednesday 9 May 2012 :

9:00 – 12:30

Morphological Component Analysis to perform image decomposition and inpainting

Sandrine Pires (CEA Saclay)

Coffee break at 10:30

12:30 – 13:30

Lunch at the Institute

Thursday 10 May 2012 :

9:00 – 12:30

Astroinformatics - The New Paradigm of Astronomy in the Epoch of Petabyte-Scaled Archives

Petr Skoda (Astronomical Institute Ondrejov, Czech Republic)

Coffee break at 10:30

14:00 – 17:30

Data Processing on the sphere with applications to Astrophysics

Florent Sureau (CEA Saclay)

Coffee break at 16:00

Friday 11 May 2012 :

9:00 – 12:30

Reflex: Scientific workflows for the ESO pipelines with a focus on UVES and XSHOOTER

Dan Bramich & Wolfram Freudling (ESO)

Coffee break at 10:30

12:30 – 13:30

Lunch at the Institute

14:00 – 17:30

Blind source separation methods: application in cosmology

Jerôme Bobin (CEA Saclay)

Coffee break at 16:00