

Joint PNI-HDRI and PaNdata workshop

from Monday 27 February 2012 at **10:00** to Tuesday 28 February 2012 at **16:00** (Europe/Berlin)
at DESY (FLASH-Halle Geb.28c)

Description The joint/co-located workshops of the PNI High Data Rate Initiative (PNI-HDRI) and the PaNdata Open Data Infrastructure (PaNdata ODI).

Material [Participants](#) 

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[Go to day](#)

Monday 27 February 2012

10:00 - 12:00 HDRI

10:00 **Welcome** 15'
Speaker: Edgar Weckert (DESY)

10:15 **HDRI WP1 Status Report** 15'
Speaker: Rainer Gehrke (DESY)
Material: [Slides](#) 

10:30 **HDRI WP2 Status Report** 15'
Speaker: Andreas Kopmann (KIT)
Material: [Slides](#) 


10:45 **HDRI WP3 Status Report** 15'
Speaker: Joachim Wuttke (JCNS)
Material: [Slides](#) 

11:00 **Discussion Data Policy** 1h00'
Speaker: Rainer Gehrke (DESY)
Material: [Slides](#) 


12:00 - 13:00 Lunch


13:00 - 15:20 HDRI+PaNdata

13:00 **Dedicated Hardware in HDRI WP2** 25'
Speaker: Matthias Balzer (KIT)
Material: [Slides](#) 

13:25 **NeXus API** 20'
Speaker: Eugen Wintersberger (DESY)
Material: [Slides](#) 

13:45 **Extending NeXus for HDRI** 20'
Speaker: Halil Pasic (KIT)
Material: [Slides](#) 


14:05 **NeXus Application Definitions** 25'
Speaker: Rainer Gehrke (DESY)
Material: [Slides](#) 

14:30 **NeXus at Diamond** 25'
Speaker: Tobias Richter
Material: [Slides](#) 






14:55 **Data Collection Software as Link Between NeXus and the Instrument** 20'
Speaker: Jens-Uwe Hoffmann (HZB)

15:20 - 15:40 Coffee break

15:40 - 18:30 HDRI+PaNdata

15:40 **Directly Programmable Data Analysis Kit (DPDAK)** 25'
Speaker: Gunthard Benecke (DESY)
Material: [Slides](#) 

16:05 **Data Analysis Workbench (DAWB)** 25'
Speaker: Andy Goetz (ESRF)

- Material: [Slides](#) 
- 16:30 **SDA and DAWN - Scientific Data Analysis** 25'
 Speaker: Mark Basham (Diamond Light Source)
 Material: [Slides](#) 
- 16:55 **Practical Experiences with GPUs for High-Throughput Computing** 25'
 Speaker: Suren Chilingaryan (KIT)
 Material: [Slides](#) 
- 17:20 **DLS Parallel HDF5 File Writing** 25'
 Speaker: Ulrik Pedersen (Diamond Light Source)
 Material: [Slides](#) 
- 17:45 **HDF5 Parallel Reading and Tomography Processing at DLS** 25'
 Speaker: Mark Basham (Diamond Light Source)
 Material: [Slides](#) 
- 18:10 **Discussion** 20'

Tuesday 28 February 2012

- 09:00 - 13:00 PaNdata
 Material: [slides](#) 
- 09:00 **Welcome** 15'
 Speaker: Juan Bicarregui (STFC)
 Material: [Slides](#) 
- 09:15 **iCAT** 30'
 Speaker: Brian Matthews (STFC)
 Material: [Slides](#) 
- 09:45 **PaNdata Software catalogue** 30'
 Speakers: Jean-Francois Perrin (ILL) , Mark Johnson (ILL)
 Material: [Slides](#) 
- 10:15 **Umbrella and Status report WP3 (AAA)** 30'
 Speaker: Stephan Egli (PSI)
 Material: [Slides](#) 
- 10:45 **Coffee / Discussion** 30'
- 11:15 **Status report WP4 (data catalogue)** 25'
 Speaker: Milan Prica (Elettra)
 Material: [Slides](#) 
- 11:40 **Status report WP6 (Provenance)** 20'
 Speakers: Brian Matthews (STFC) , Erica Yang (STFC)
 Material: [Slides](#) 
- 12:00 **Status report WP7 (Preservation)** 20'
 Speaker: Jean-Francois Perrin (ILL)
 Material: [Slides](#) 
- 12:20 **Virtual Labs requirements and WP5** 40'
 Speaker: Thorsten Kracht (DESY)
 Material: [Slides](#) 
- 13:00 - 14:00 Lunch
- 14:00 - 14:30 PaNdata
 Material: [slides](#) 
- 14:00 **Status report WP2 (Engagement/Dissemination)** 10'
 Speaker: Frank Schluenzen (DESY)
 Material: [Slides](#) 
- 14:10 **WP1 status & organizational matters** 20'
 Speaker: Juan Bicarregui (STFC)
 Material: [Slides](#) 

14:30 - 15:30

PMB

PaNdata ODI Project Management Board

14:30 **Project Management Board (PMB)** 30'