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## "Neutron Experiments"

from **Wednesday 05 March 2008 (08:00)**  
to **Thursday 06 March 2008 (23:00)**

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11:00->12:30 == **no WG session is planned on the day** ==

### Thursday 06 March 2008

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- |       |   |               |
|-------|---|---------------|
| 09:00 | Neutron Fundamental Physics at J-PARC (15')   | H.M. Shimizu  |
| 09:15 | Neutron Fundamental Physics at ILL (30')  | P. Geltenbort |
| 09:45 | Overview of the Fundamental Neutron Physics Program at SNS-FNPB (30')   | T. Ito        |
| 10:15 | break   |               |
| 10:30 | Status of the Ultra-cold Neutron Project and the Neutron EDM Experiment at the Paul Scherrer Institut (30')     | B. Lauss      |
| 11:00 | The Optics of the J-PARC BL05 and Measurement of Neutron Decay (20')  | K. Mishima    |
| 11:20 | Nuclear Astrophysics Study with Pulsed Neutrons (20')   | M. Segawa     |
| 11:40 | Neutron Fundamental Physics for New Physics (30')   | W.M. Snow     |
| 12:10 | lunch   |               |
| 13:30 | Search for Medium Range Force by a Precision Measurement of Neutron Scattering Cross Section (20')              | T. Shima      |
| 13:50 | Neutron Interferometer at J-PARC (20')  | M. Kitaguchi  |
| 14:10 | Neutron Interferometry and Search for Non-Newtonian Gravity (30')   | V. Gudkov     |
| 14:40 | break   |               |
| 14:50 | The UCNA Experiment: Recent Progress towards a Measurement of the Beta Asymmetry using Ultracold Neutrons (30') | A. Young      |
| 15:20 | Solid Oxygen as an Intense Ultracold Neutron Source (30')   | C.Y. Liu      |
| 15:50 | A New Ultracold Neutron Production for nEDM (30')   | Y. Masuda     |
| 16:20 | UCN Magnetic Storage and Neutron Lifetime Measurement (30')   | V. Ezhov      |
| 16:50 | Production of ultracold neutrons in superfluid helium and magnetic trapping (30')                               | O. Zimmer     |
| 17:20 | Modern Status of the Crystal-Diffraction Neutron EDM Experiment (30')   | V. Fedorov    |

15:30 | [HELP](#)