

Session Program

15-19 Jun 2015

4th EIROforum School on Instrumentation

Session lectures

ESO & EUROfusion, Auditorium Telescopium (old Auditorium), ESO
Karl-Schwarzschild-str. 2, 87548 Garching bei Muenchen

Tuesday 16 June

09:00

Session lectures: Fusion

Session | Location: ESO, Auditorium Telescopium

09:00–09:45 **Fusion diagnostics**

Speaker

Tony Donné

09:45–10:30 **Alpha-particle diagnostics for JET deuterium-tritium experiments**

Speaker

Vasily Kiptily

10:30

11:00

Session lectures: High Energy Physics

Session | Location: ESO, Auditorium Telescopium

11:00–11:45 **Interactions of particles and fields**

Speaker

Werner Riegler

11:45–12:30 **Instrumentation in HEP**

Speaker

Werner Riegler

12:30

13:30

Session lectures: Space

Session | Location: ESO, Auditorium Telescopium

13:30–14:15 **Instrumentation for Space Astronomy**

Speaker

David Lumb

14:15–15:00 **Instrumentation for Solar System Exploration**

Speaker

David Lumb

15:00

15:30

Session lectures: Synchrotron Radiation

Session | Location: ESO, Auditorium Telescopium

15:30–16:15 **X-ray Optics for Synchrotron Radiation Beamlines**

Speaker

Raymond Barrett

16:15–17:00 **Synchrotron Radiation Detectors**

Speaker

Pablo Fajardo

17:00

Wednesday 17 June

09:00

Session lectures: Neutron Physics

Session | Location: ESO, Auditorium Telescopium

09:00–09:45 **The THALES project**

Speaker
Martin Boehm

09:45–10:30 **Neutron sources and neutron optics**

Speaker
Pierre Courtois

10:30

11:00

Session lectures: Astronomy

Session | Location: ESO, Auditorium Telescopium

11:00–11:45 **Ground Based instrumentation for Astronomy**

Speaker
Luca Pasquini

11:45–12:30 **Principles of radio and mm-wave interferometry**

Speaker
Robert Laing

12:30

Thursday 18 June

09:00

Session lectures: XFEL

Session | Location: ESO, Auditorium Telescopium

09:00–09:45 **Detectors for the European XFEL**

Speaker

KUSTER Markus

09:45–10:30

Femtosecond X-Ray Experiments: Towards an ultimate high-speed molecular camera

Speaker

Wojciech Gawelda

10:30

11:00

Session lectures: Molecular Biology Lab

Session | Location: ESO, Auditorium Telescopium

11:00–11:45 **Synchrotron Radiation for Structural Biology**

Speaker

Andrew McCarthy

11:45