



EUROPEAN
SPALLATION
SOURCE



Science & Technology Facilities Council

ISIS

IKON 8
Programme
3rd- 5th February 2015
Milton Hill House, Steventon, Oxfordshire, UK

Tuesday 3rd February
Milton Hill House

19:00 - 22:00 Welcome drinks reception

Wednesday 4th February
Milton Hill House – Room Wisteria

09:00 **Welcome** - *James YECK and Robert MCGREEVY*

09:30 **Instruments Update** – *Dimitri ARGYRIOU*

10:00-10:30 *Coffee Break*

10:30 - 12:20 **Instrument Staging, Cost Categories and Technology Solutions**

10:30 – 10:40 LOKI Team on Tollgate2 – *Andrew Jackson*

10:40 – 10:50 NMX Team on Tollgate2 – *Esko Oksanen*

10:50 – 11:10 Detectors for LOKI, NMX and ODIN – *Kalliopi Kanaki and Filippo Resnati*

11:10 – 11:30 Choppers for LOKI, NMX and ODIN - *Iain Sutton*

11:30 – 11:50 Optics and shielding for LOKI, NMX and ODIN – *Phil Bentley*

11:50 – 12:00 Science Support Systems for LOKI, NMX and ODIN – *Arno Hiess*

12:00 – 12:10 DMSC for LOKI, NMX and ODIN – *Jon Taylor*

12:10 – 12:20 Motion Control for LOKI, NMX and ODIN – *Thomas Gahl*



EUROPEAN
SPALLATION
SOURCE



Science & Technology Facilities Council

ISIS

12:20 – 14:00 Lunch

14:00 - 15:00 How the different countries are getting involved in NSS

14:00 – 14:20 United Kingdom - *Robert MCGREEVY*

14:20 – 14:40 Germany - *Andreas SCHREYER*

14:40 – 15:00 Switzerland - *Christian RÜEGG*

15:00-15:30 Coffee Break

15:30- 18:15 Building instruments at Spallation Sources

15:30 – 15:45 Phase II instruments overview and developments from concept to delivery – *Kevin JONES*

15:45 – 16:00 IMAT design evolution – *Jim NIGHTINGALE*

16:00 – 16:15 Engineering and Science working together to deliver instruments - *Winfried KOCKELMANN*

16:15 – 16:30 Challenges in building beamlines on an Operational Facility - *Matt FLETCHER*

16:30-16:45 Coffee Break

16:45 – 17:15 Providing Detectors for ISIS - *Nigel RHODES*

17:15 – 17:45 Comparison of the observed and calculated ISIS TS1 Neutronic response - *Rob BEWLEY*

17:45 – 18:15 Lessons Learned on Instruments Installation & Commissioning – *Cristoph TIEMANN*

19:00 – 21:00 IKON Dinner at Milton Hill House



EUROPEAN
SPALLATION
SOURCE



Science & Technology Facilities Council

ISIS

Thursday 5th February ISIS and Milton Hill House

09:00 - 12:30 **Tour of ISIS**

Two groups of 40 people, 4 stations (see separate Tour plan)

09:00 - 12:30 (Coffee Break at 10:30) Sessions at Milton Hill House:

Data Management and Software Center – *Room Orchid*

Detector Systems – *Room Singer*

Choppers, Electrical Engineering and Motion Control, Optics and Shielding -
Room Wisteria

Science Support Systems and Instrument Construction Projects – *Room Yellow Birch*

13:00 ***Lunch at Milton Hill House – End of meeting***

Friday 6th February ISIS

08:30-16:15 Meeting of the Instruments Collaboration Board

Michela Dell'Anno Boulton Tel: +46 721 79 20 72

Bea Linnenberg Tel: +46 721 79 21 61

Danielle Adonis Tel: +46 721 79 22 52



EUROPEAN
SPALLATION
SOURCE



Science & Technology Facilities Council

ISIS

IKON8 Organizing Committee:

Danielle Adonis

Giuseppe Aprigliano

Dimitri Argyriou

Emma Belcher

Michela Dell'Anno Boulton

Thomas Gahl

Paul Henry

Arno Hiess

Oliver Kirstein

Beate Linnenberg

Jon Taylor

Parallel Sessions

Science Support Systems and Instrument Construction Projects ***Room Yellow Birch***

- 09:00 Instrument Construction – *Rob Connatser*
09:30 Building the conventional facilities: Some facts on experimental halls, adjacent laboratory buildings and campus – *Michelle Everett*
09:50 Science Support Systems: challenges and interactions during instrument construction - *Anders Pettersson + platform clips*
- 10:30 *Coffee Break*
- 11:00 Instrument Construction – *Rob Connatser*
11:30 Building the conventional facilities: Some facts on experimental halls, adjacent laboratory buildings and campus – *Michelle Everett*
11:50 Science Support Systems: challenges and interactions during instrument construction - *Anders Pettersson + platform clips*

Detector Systems ***Room Singer***

- 09:00 Status of Detectors for the ESS – *Richard Hall-Wilton*
09:20 ISIS scintillation detectors - *Dr Jeff Sykora, ISIS*
09:40 Rate calculations for diffraction instruments at ESS – *Irina Stefanescu*
10:00 Detectors for SKADI (*TBC*)
- 10:30 *Coffee Break*
- 11:00 Large area detectors: Multigrid – *Anton Kaplanov*
11:20 Developments with neutron gem detectors – *Giuseppe Gorini, Bicocca University Milano*
11:40 The high rate frontiers: the Multi-Blade detector for reflectometry – *Francesco Piscitelli*
12:00 Detector concept at the BEER beamline - *Dr Gregor Nowak, HZG*
12:20 Electronics for ESS – *Scott Kolya*