



Registration Registration

Venue: Königliches Kurhaus

12:15 - 14:00 Lunch Break

14:00 - 18:30 Parallel Reach-out-Sessions (Topic: Convener)
 – Magnetism: M. Braden (Universität zu Köln)
 – Materials / Earth Science: A. Schreyer (HZG)
 – Soft Matter and Life Sciences: M. Ballauf (HZB)
 – Chemistry: G. Eckold (Universität Göttingen)

15:40 - 15:55 Coffee Break

18:00 - 18:30 General Discussion

Wednesday, October 12th 2011

Venue: Königliches Kurhaus

08:30 - 09:15 R. Dronskowski (RWTH Aachen): Chemistry
 09:15 - 10:00 H. Zabel (Ruhr-Universität Bochum):
 Nanostructures

10:00 - 10:30 Coffee Break

10:30 - 12:00 Wrap-up-Session
 Report of the Conveners

12:00 Adjourn

Registration

by September 15th 2011 at www.ess-juelich.de

Conference fee: EUR 50
 (includes meals during the conference)

Organisation

Dr. Dimitri Argyriou
 (ESS AB)

Prof. Dr. Götz Eckold
 (Georg-August-Universität Göttingen)

Dr. Wolfgang Schroeder
 (Forschungszentrum Jülich GmbH)

How to reach How to reach

Address:

Bayerisches Staatsbad Bad Reichenhall
 Salzburger Straße 7 (Konzertrotunde)
 Kurstraße 6 (Königliches Kurhaus)
83435 Bad Reichenhall
Germany

(15 km distance to Salzburg Airport W. A. Mozart)

More information:

www.bad-reichenhall.com/de/region/anreise/
www.ess-juelich.de

Science Vision for the European Spallation Source

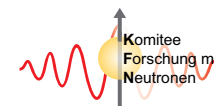
– German Perspectives –



October 10th – 12th 2011

Bayerisches Staatsbad
 Bad Reichenhall

*Magnetism | Materials Science
 Earth Science | Soft Matter
 Biology | Chemistry*





Introduction

Introduction

The European Spallation Source ESS will be the next generation European neutron research facility to be built in Lund, Sweden. When it becomes operational in 2019 it will be the most powerful neutron source in the world. At present 17 European countries joined this project which is on the roadmap of the European Strategy Forum on Research Infrastructures (ESFRI).

This workshop on ESS provides a forum for the presentation and discussion of visions and perspectives for science at this world's premier neutron source which is currently in the Design-Update-Phase. It covers the full spectrum of relevant scientific disciplines from Magnetism, Materials Science, Earth Science and Soft Matter to Biology and Chemistry.

The workshop is jointly organised by ESS AB, Forschungszentrum Jülich and the German „Komitee Forschung mit Neutronen (KFN)“ that represents one of the largest prospective ESS user groups worldwide. The evaluation of scientific opportunities at the ESS is an important step for the German neutron community to take part in the design and construction of the ESS and its science.

In line with the long German tradition in neutron science the government appreciates and highly encourages a strong contribution to the realisation of ESS: At present the Federal Ministry of Education and Research supports the engagement of German research centers for the ESS in the current Design-Update-Phase.

Programme

Programme

Monday, October 10th 2011

Venue: Konzertrotunde

11:45 - 12:30	Coffee & Snacks
12:30 - 12:45	S. Schmidt (Forschungszentrum Jülich GmbH, German ESS Coordinator): Welcome
12:45 - 13:00	G. Eckold (Universität Göttingen) for the KFN: Welcome
13:00 - 13:45	C. Carlile (ESS AB): Overview ESS
13:45 - 14:15	I. Anderson (ORNL): Overview SNS
14:15 - 14:45	F. Mezei (ESS AB): Instrumentation Concepts
14:45 - 15:15	Coffee Break
15:15 - 16:00	H. v. Löhneysen (KIT): Magnetism
16:00 - 16:45	P. Withers (University of Manchester): Materials Science
16:45 - 17:30	R. Strey (Universität zu Köln): Soft Matter
18:30	Öffentliche Abendveranstaltung (Public Evening Event) – Empfang (Reception)

Tuesday, October 11th 2011

Venue: Konzertrotunde

08:30 - 09:00	M. Arai (J-PARC): Overview J-PARC
09:00 - 09:45	O. Byron (University of Glasgow): Biology
09:45 - 12:15	Innovative Instrumentation at ESS
09:45 - 10:00	Spectroscopy
10:00 - 10:15	Spinecho- and Larmor-Instruments
10:15 - 10:45	Coffee Break
10:45 - 11:00	Reflectometry
11:00 - 11:15	Small Angle Scattering
11:15 - 11:30	Diffractionmetry
11:30 - 11:45	Neutron-Radiography/-Tomography
11:45 - 12:00	Alternative Concepts for Spectroscopy
12:00 - 12:15	Extreme Environment