The Abdus Salam International Centre for Theoretical Physics

Technology and Applications of Accelerator Driven Systems (ADS)

Organizer(s): IAEA: A. Stanculescu
Trieste - Italy, 17 - 28 October 2005

Final programme

Monday, 17 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 09:30	**REGISTRATION**
09:30 - 10:00	**A. Stanculescu** / *IAEA, Vienna* **OPENING**
10:00 - 10:30	--- Coffee Break ---
10:30 - 12:00	**Free time for administrative purposes**
12:00 - 14:00	--- Lunch break ---
14:00 - 15:30	(Room: Main Building Main Lecture Hall) **Carlo Rubbia (Nobel Prize, Physics 1984)** / *CERN - Geneva/E.N.E.A. Rome* **Keynote Lecture: Does Nuclear Energy have a future?**
15:30 - 16:00	(Room: Main Building, Lobby) --- Coffee Break for all attendees ---
16:00 - 17:30	**Y. Kadi** / *European Organization For Nuclear Research, Geneva* **Physics of Spallation and Sub-critical Cores**

Tuesday, 18 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 10:00	**Y. Kadi** / *European Organization For Nuclear Research, Geneva* **Nuclear Data and Methods for ADS Design (1)**
10:00 - 10:30	--- Coffee Break ---
10:30 - 12:00	**Y. Kadi** / *European Organization For Nuclear Research, Geneva* **Nuclear Data and Methods for ADS Design (2)**
12:00 - 14:00	--- Lunch break ---
14:00 - 15:30	**Y. Kadi** / *European Organization For Nuclear Research, Geneva* **ADS Design**
15:30 - 16:00	--- Coffee Break ---
16:00 - 17:30	**Y. Kadi** / *European Organization For Nuclear Research, Geneva* **ADS Design**

Wednesday, 19 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 10:00	**A. Müller** / *Institut de Physique Nucleaire, Paris* **Design of Accelerators for ADS (1)**
10:00 - 10:30	--- Coffee Break ---
10:30 - 12:00	**R. Müller** / *Institut de Physique Nucleaire, Paris* **Design of Accelerators for ADS (2)**
12:00 - 14:00	--- Lunch break ---
14:00 - 15:30	**R. Müller** / *Institut de Physique Nucleaire, Paris* **Design of Accelerators for ADS (3)**
15:30 - 16:00	--- Coffee Break ---
16:00 - 17:30	**A. Müller** / *Institut de Physique Nucleaire, Paris* **Design of Accelerators for ADS (4)**

Thursday, 20 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 10:00	**Y. Kadi** / *EuropeanOrganization For Nuclear Research, Geneva* **Example of ADS Design (1) (Spallation Target)**
10:00 - 10:30	--- Coffee Break ---
10:30 - 12:00	**Y. Kadi** / *EuropeanOrganization For Nuclear Research, Geneva* **Example of ADS Design (2) (Sub-critical Core)**
12:00 - 14:00	--- Lunch break ---
14:00 - 15:30	**Y. Kadi** / *European Organization For Nuclear Research, Geneva* **ADS Design**

15:30 - 16:00 --- Coffee Break ---

16:00 - 17:30 **Y. Kadi** / *European Organization For Nuclear Research, Geneva*
ADS Design

Friday, 21 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 10:00 **H. Aït-Abderrahim** / *Nuclear Research Center of Belgium, Mol*
Engineering Design of a Proof-of-Principle ADS Facility (1)

10:00 - 10:30 --- Coffee Break ---

10:30 - 12:00 **H. Aït-Abderrahim** / *Nuclear Research Center of Belgium, Mol*
Engineering Design of a Proof-of-Principle ADS Facility (2)

12:00 - 14:00 --- Lunch break ---

14:00 - 15:30 **H. Aït-Abderrahim** / *Nuclear Research Center of Belgium, Mol*
Engineering Design of a Proof-of-Principle ADS Facility (3)

15:30 - 16:00 --- Coffee Break ---

16:00 - 17:30 **H. Aït-Abderrahim** / *Nuclear Research Center of Belgium, Mol*
Engineering Design of a Proof-of-Principle ADS Facility (4)

Monday, 24 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

11:00 - 14:00 --- U.N.DAY CELEBRATIONS AT ICTP ---

14:00 - 15:30 **G. Bauer** / *Institut Laue-Langevin, Grenoble*
Spallation Target Design (1)

15:30 - 16:00 --- Coffee Break ---

16:00 - 17:30 **G. Bauer** / *Institut Laue-Langevin, Grenoble*
Spallation Target Design (2)

Tuesday, 25 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 10:00 **A. Stanculescu** / *IAEA, Vienna*
Advanced Fuels for P&T (1)

10:00 - 10:30 (Room: Adriatico Guest House Cafeteria)
--- COFFEE BREAK ---

10:30 - 12:00 **A. Stanculescu** / *IAEA, Vienna*
Advanced Fuels for P&T (2)

14:00 - 15:30 **P. Ravetto** / *Politecnico di Torino, Turin*
ADS Dynamics (1)

15:30 - 16:00 --- Coffee Break ---

16:00 - 17:30 **P. Ravetto** / *Politecnico di Torino, Turin*
ADS Dynamics (2)

Wednesday, 26 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 10:00 **P. Ravetto** / *Politecnico di Torino, Turin*
ADS Dynamics

10:00 - 10:30 --- Coffee Break ---

10:30 - 12:00 **P. Ravetto** / *Politecnico di Torino, Turin*
ADS Dynamics

12:00 - 14:00 --- Lunch break ---

14:00 - 15:30 **A. Aleksandrov** / *Oak Ridge National Laboratory, Oak Ridge*
Accelerator Design for Spallation Neutron Sources (1)

15:30 - 16:00 --- Coffee Break ---

16:00 - 17:30 **A. Aleksandrov** / *Oak Ridge National Laboratory, Oak Ridge*
Accelerator Design for Spallation Neutron Sources (2)

Thursday, 27 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 10:00 **W. Gudowski** / *Royal Institute of Technology, Stockholm*
P&T as Waste Management Option (1)

10:00 - 10:30 --- Coffee Break ---

10:30 - 12:00 **W. Gudowski** / *Royal Institute of Technology, Stockholm*
P&T as Waste Management Option (1)

12:00 - 14:00 --- Lunch break ---

14:00 - 15:30 **W. Gudowski** / *Royal Institute of Technology, Stockholm*
Impact of P&T on the Final Repository (1)

15:30 - 16:00 --- Coffee Break ---

16:00 - 17:30 **W. Gudowski** / *Royal Institute of Technology, Stockholm*
Impact of P&T on the Final Repository (2)

Friday, 28 October 2005 (Room:Adriatico Guest House Giambiagi Lecture Hall)

08:30 - 10:00 **A. Stanculescu** / *IAEA, Vienna*
Review of ADS Research and Technology Development and IAEA Activities (1)

10:00 - 10:30 --- Coffee Break ---

10:30 - 12:00	**A. Stanculescu** / *IAEA, Vienna* **Review of ADS Research and Technology Development and IAEA Activities (2)**
12:00 - 14:00	--- Lunch break ---
14:00 - 15:30	**Participants\' Presentations, Discussion, Wrap-up (2)**
15:30 - 16:00	--- Coffee Break ---
16:00 - 17:30	**Participants\' Presentations, Discussion, Wrap-up (2)**