

SUNDAY 6

19:30-21:30 **Welcome reception at the restaurant Atrium at the IUC**



MONDAY 7

- 9:00-9:30 **Welcome**
- 9:30-10:30 **DONES Programme: Collaborative Innovation in Fusion Energy**
Philippe Cara
- 10:30-11:00 **Coffee Break**
- 11:00-12:00 **Status and Prospects of the European Fusion Program**
Gianfranco Federici
- 12:00-13:30 **High Intensity Linear Accelerators**
Maurizio Vretenar
- 13:30-14:30 **Lunch**
- 14:30-15:30 **The Race to the First Commercial Fusion Reactor: What Type, When, and Who Will Lead—Public or Private?**
Rountable
- 15:30-17:00 **Modeling the primary damage under irradiation**
María José Caturla
- 17:00-17:30 **Coffee break**

TUESDAY 8

- 9:00-10:30 **The Road to Commercial Fusion**
Steven Cowley
- 10:30-11:00 **Coffee Break**
- 11:00-12:00 **European Roadmap – neutron tolerant materials (Mission 3)**
Gerald Pintsuk
- 12:00-13:00 **Overview of Lithium Systems technologies applied to IFMIF-DONES**
Jorge Maestre
- 13:00-14:00 **Lunch**
- 14:00-15:00 **Overview of Safety Approach and Safety Engineering for one-of-a-kind facilities such as IFMIF-DONES**
Claudio Torregrosa
- 15:00-16:00 **So you want to build a science megaproject? Lessons for IFMIF-DONES (and others) from the European Spallation Source**
John Womersley
- 16:00-17:30 **Coffee break+Poster session**

WEDNESDAY 9

- 9:00-10:00 **Modeling microstructure evolution: connection to experiments and impact on mechanical properties**
María José Caturla
- 10:00-10:30 **Toward an European Fusion Strategy**
Andrea Napolitano
- 10:30-11:00 **Coffee Break**
- 11:00-12:00 **The impact of neutron irradiation on the properties of fusion materials - Part 1**
Michael Rieth
- 12:00-13:00 **IFMIF-DONES: A unique neutron source with outstanding experimental capabilities**
Philippe Cara
- 13:00-14:00 **Lunch**
- 14:00-15:00 **The role of IFMIF-DONES in the fusion material challenge**
Rafael Vila
- 15:00-15:30 **Coffee Break**
- 15:30-16:30 **Outstanding Challenges in Fusion Technologies: Bridging the Gaps Through Public-Private Collaboration**
Roundtable
- 18:00-20:00 **Tour Old city of Dubrovnik**

THURSDAY 10

- 9:00-10:30 **The impact of neutron irradiation on the properties of fusion materials - Part 2**
Michael Rieth
- 10:30-11:00 **Coffee Break**
- 11:00-12:00 **Development of high-current CW Linacs until its present maturity: 50 years of technological endeavour**
Juan Knaster
- 12:00-13:00 **Nuclear Journey**
Arnaia Villa
- 13:00-14:00 **Lunch**
- 14:00-15:00 **Use of Ion Beam Analysis (IBA) to study Plasma Facing Component (PFC) materials after exposure to plasmas in linear and toroidal devices**
Iva Bogdanović Radović
- 15:00-16:30 **Poster session + Coffee break**
- 19:00h **Gala dinner**

FRIDAY 11

- 9:00-10:30 **High heat flux materials**
Gerald Pintsuk
- 10:30-11:00 **Coffee Break**
- 11:00-11:30 **Tritium Laboratory Karlsruhe (TLK) and experiments with large amounts of tritium: Nuclear Fusion and Neutrino mass**
Deseada Diaz Barrero
- 11:30-12:30 **What do we know about the influence of mechanical strain during irradiation on the evolution of microstructural defects?**
Marcelo Roldan
- 12:30-13:15 **Dual-beam irradiation of fusion materials**
Tonči Tadic
- 13:15-13:30 **Closing**
- 13:30-14:30 **Lunch**

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SCHEDULE
6-11 April 2025