

SUNDAY 21

17:00–20:00 Registration

20:00–21:30 Welcome reception

MONDAY 22

8:30–9:00 Welcoming Speech + IFMIF–DONES in–depth Overview and objectives of the course
Moisés Weber

9:00–10:00 Overview of DONES Programme
Ángel Ibarra

10:00–11:00 Keynote: Getting to a Fusion Pilot Plant – The Challenge
Steven Cowley

11:00–11:30 Coffee Break

11:30–12:30 Applicability of EU law to large–scale scientific projects: The case of Fusion for Energy and DONES project
Radoslav Hanak

12:30–14:00 International treaties, collaboration agreements in international projects and their implementation (ITER and BA)
Szymon Wesolowski

14:00–15:00 Lunch

15:00–16:00 EU Framework for Fusion Energy Research
Susana Clement–Lorenzo

16:00–17:00 Overview of Safety Engineering in IFMIF–DONES
Claudio Torregrosa

17:00–17:30 Coffee Break

17:30–18:30 Roundtable. IFMIF–DONES in the Fusion Roadmap
Steven Cowley, Susana Clement–Lorenzo, Ángel Ibarra, Moisés Weber

19:30–20:30 Outreach activity: “Energía de fusión: por qué, cómo y cuándo”
Juan Ramón Knaster (F4E)
Carmen de la Victoria

SCHEDULE

April 21st – April 26th, 2024
Granada, Spain

2nd DONES
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TUESDAY 23

8:30–10:00 Fundamentals of EU PP Law – General Principles, Concepts and Procedures, Social and Environmental considerations
Stefano Galvan

10:00–10:30 Coffee Break

10:30–11:30 Procurement Process in Big Science Projects – Planning, Submission of tenders, Evaluation criteria and awarding contracts
Pilar Rosado

11:30–12:30 IFMIF–DONES: A unique neutron source with outstanding experimental capabilities
Santiago Becerril

12:30–13:30 The DONES Complementary Experiments and the Users Community
Marek Lewitowicz

13:30–14:30 Lunch

14:30–15:15 EU Grants and their implementation
Pilar Rosado

15:15–16:30 Roundtable
Radoslav Hanak, Pilar Rosado, Szymon Wesolowski, Stefano Galvan, María José Huertas

16:30–17:00 Coffee Break

17:00–18:30 Industry Support to the Big Science
Nuria Rodriguez – Izertis
Rubén Moreno – ENSA
Jose Miguel Carmona – AVS

18:30–20:00 Big Science Industry Session
Belén Fernández

WEDNESDAY 24

8:30–9:30 International cooperation: The landscape of Fusion Big Science Facilities in Europe
Rolf Heuer

9:30–11:00 High Intensity Linear RF accelerators
Maurizio Vretenar

11:00–11:30 Coffee Break

11:30–12:30 Introduction to beam dynamics with application and challenges of the DONES accelerator
Nicolas Chauvin

12:30–13:30 The IFMIF–DONES Accelerator
Ivan Podadera

13:30–14:30 Lunch

14:30–15:30 Roundtable. IFMIF–DONES. A challenging accelerator at a key facility
Rolf Heuer, Maurizio Vretenar, Nicolas Chauvin, Marek Lewitowicz, Iván Podadera, Juan Knaster

15:30–16:30 Fundamentals of Nuclear Law – General Principles and Concepts (1)
Wolfram Tonhauser

16:30–17:00 Coffee Break

17:00–18:00 Fundamentals of Nuclear Law – General Principles and Concepts (2)
Wolfram Tonhauser

18:30–20:00 Guided visit around Granada

LEGEND

IFMIF–DONES in depth
Legal aspects in Big Science
From ITER to DEMO
Social
Outreach

THURSDAY 25

9:00-10:00	Fundamentals of Contract Law Stefano Galvan	9:00-10:00	Intro to fusion power plants and top level requirements Stuart Muldrew
10:00-11:00	Construction Contracts Natalia A. Ciaglewicz-Stepien	10:00-11:00	Issues of scale and moving from ITER → DEMO/Pilot plant Stuart Muldrew
11:00-11:30	Coffee Break	11:00-11:30	Coffee Break
11:30-12:30	Type of contracts in large-scientific projects (fixed-price contracts, cost-reimbursable contracts, time-and-materials contracts, and their variants) Gregoire Gathem	11:30-12:00	Fusion economics, fusion supply chain and fusion's place in the energy market Stuart Muldrew
13:00-14:00	Lunch	12:00-13:00	Heat and Radiation Management for Fusion Chris Harrington
14:00-15:00	Getting the Contract Right: Contract Drafting and Negotiation with suppliers, partners, and international stakeholders Stefano Galvan	13:00-14:00	First Wall and Blanket Engineering Chris Harrington
15:00-16:00	Legal considerations in handling and protecting sensitive data Silvia Bernal	14:00-15:00	Lunch
15:00-16:00		15:00-16:00	Balance of Plant for Fusion Power Plants Chris Harrington
16:00-16:30		16:00-16:30	Coffee Break
18:00-20:00	Outreach activity: "Un Universo muy energético" Antxon Alberdi (IAA-CSIC), Carmen de la Victoria		
20:30-23:00	Conference dinner. Palacio de los Córdoba		

FRIDAY 26

9:00-10:00	IFMIF-DONES genealogy: Historical background of IFMIF-DONES Juan Ramón Knaster
10:00-11:00	The role of IFMIF-DONES in the fusion material challenge Rafael Vila
11:00-11:30	Coffee Break
11:30-12:30	Lithium Systems Jorge Maestre
12:30-13:30	Characteristics and challenges of a Big Science facility: learned Lessons of the ESS John Womersley
13:30-14:30	Lunch
14:30-15:30	Intellectual Property in collaborative environments such as Big Science Projects Carmen Casteras
15:30-16:30	Technology transfer: An opportunity created within the frame of Big Science Projects Carmen Casteras
16:30-17:00	Closing session

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