



Day 1: Wednesday 27th February

08:30	Registration	
09:00	Welcome to VTT	Tuomas Tala
09:10	Introduction to the Workshop	Tony Donné
09:30	Fusion's place in a future energy market, and approaches to cost reduction	Richard Kembleton
10:15	Gaps from DEMO to a commercial power plant	William Morris
11:00	Coffee	
11:20	EU DEMO design project: scope/status/prospects	Gianfranco Federici
11:50	Brayton supercritical CO ₂ cycles as power conversion systems for DEMO	José I. Linares
12:20	Lunch	
13:30	Programmatic risks of technologies:	Chair: Klaus Hesch
13:40	A roadmap for industrial production of Lithium-6 for fusion	Thomas Giegerich
14:10	Fusion versus fission: what could change in the nuclear regulation	Egidijus Urbonavicius
14:40	DEMO supply chain: discussion of activities stimulating industrial participation	Mark Shannon
15:10	Coffee	
15:30	Specific technologies:	Chair: Ambrogio Fasoli
15:40	Development of a fully continuous technology for isotope rebalancing in the DEMO fuel cycle	Thomas Giegerich
16:10	First Wall operation beyond 20 dpa - material options	Michael Rieth
16:40	Open discussion on other technologies	Richard Kembleton
17:20	End of day 1	
18:30	Workshop dinner – Restaurant Fat Lizard, Otaniemi	

Remote connection details:

SUMMARY for Channel 25 / 27Feb2019: DEMO and PRD Workshop:

Presentation: <https://tv.euro-fusion.org/channel25/home>

Presentation Password: DEMOPRD

Video-conference nr. (H.323): 004910097929385

ISDN: +49-30-20097929385 (ConferenceID = 97929385)



Day 2: Thursday 28th February

9:00	Design for manufacture, and commercial technology crossover opportunities	Chair: Arto Timperi
9:10	Industrial technology opportunities from fusion	Chris Ibbott
9:40	Component design for manufacture	Veikko Puumala
10:10	Evaluation of conservative and innovative manufacturing routes for gas-cooled TBM and breeder blanket first walls	Heiko Neuberger (remote)
10:40	Coffee	
11:00	Plasma physics scenarios for fusion power plants	Chair: Hartmut Zohm
11:10	DEMO scenario assumptions	Mattia Siccino
11:30	No ELMs, strong shaping, steady-state tokamaks	Thomas Pütterich
11:50	Negative triangularity	Laurie Porte
12:10	Alternative exhaust	Leena Aho-Mantila
12:30	Lunch	
13:30	Tour of VTT Materials Test Facilities	Tuomas Tala
14:30	Coffee	
14:50	Stellarator Reactor Studies: Gaps, Requirements, and Practical Implementation	Felix Warmer
15:20	PRD programme, and how to drive innovation and promote new and emerging fusion technology	Richard Kembleton
16:00	Workshop close	

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