

Session Program

4-7 Nov 2019

Third IAEA Technical Meeting on Divertor Concepts

Core-Boundary Plasma Compatibility

IAEA Headquarters, Vienna, Austria, Board Room C (C Building - 4th Floor)

Wednesday 6 November

09:00

Core-Boundary Plasma Compatibility

Session | Location: IAEA Headquarters, Vienna, Austria, Board Room C (C Building, 4th Floor)

09:00–09:30 **Core-pedestal constraints on divertor design**

Speakers

Anthony W. Leonard, Matteo Barbarino

09:30–10:00 **Role of transport versus fueling upon the pedestal density**

Speaker

Saskia Mordijck

10:00–10:20

Radiative Power Exhaust Research at DIII-D - From Divertor Science to Core-Edge Integration of High Performance Plasmas

Speaker

Aaro Jaervinen

10:20

10:40

Core-Boundary Plasma Compatibility: Continued

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10:40–11:00

Experimental studies of the nitrogen concentration required for divertor detachment in ASDEX Upgrade

Speaker

Stuart Henderson

11:00–11:20

Progress towards understanding ITER's divertor heat-flux width from gyrokinetic simulation

Speaker

Dr C.S. Chang

11:20–11:40 **On the Divertor Heat Flux Width Scaling**

Speaker

Xueqiao Xu

11:40