

**Session Program**

4-7 Nov 2019

**Third IAEA Technical Meeting on Divertor Concepts**

***Poster Session I***

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

# Monday 4 November

16:30

## Poster Session I

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

### Advanced divertor detachment in H-mode and baffled TCV plasmas

Speaker  
Christian Theiler

### Flat Tungsten High Heat Flux Components Development Based On Different Technologies

Speaker  
Prof. Damao Yao

### Modelling of cooling performance in single and multi-channel high heat flux structures for fusion applications

Speaker  
Mr Samuel Sharp

### Simulation study of the radiative quasi-snowflake divertor for CFETR

Speaker  
Prof. Minyou Ye

### A multi-physics modeling approach to predicting erosion, re-deposition and gas retention in fusion tokamak divertors

Speaker  
John Canik

### A Study of the Maintainability of the Lower (Divertor) Port & Divertor Cassette

Speaker  
Andrew Wilde

### Investigation of detachment in Double-Null configurations in the TCV tokamak

Speaker  
Olivier Février

### The Impact of Nonambipolar Energy Flow on Plasma Facing Materials Erosion and Forecast for ITER.

Speakers  
Mr Leonid Khimchenko, Prof. Viacheslav Budaev

### Thermal hydraulic modeling and analysis of ITER tungsten divertor mono block

Speaker  
Salah El-Din El-Morshedy

### Activity and Decay Heat Estimates for the European DEMO Divertor with Respect to WCLL and HCPB Breeder Blanket Module Integration

Speaker  
Mr Andrius Tidikas

### DEMO Divertor - Cassette Design and Integration

Speaker  
Dr Giuseppe Mazzone

**Radiation-condensation instability: a driver for up-down or in-out asymmetry of divertor plasma**

Speaker  
Dr Andrei Kukushkin

**Some implications of recent technology advances on divertor physics performance requirements of DT fusion tokamaks**

Speaker  
Marco Wischmeier

**Overview of the gas baffle effects on TCV Lower Single Null edge plasmas: multi-code simulations and comparison with experiments**

Speaker  
Davide Galassi

18:30