

**Session Program**

22-27 Oct 2018

**27th IAEA Fusion Energy Conference - IAEA CN-258**

***EX/5, PPC/1 - TH/3 Integrated Modelling & Transport***

Mahatma Mandir Conference Centre  
Gandhinagar (nearest Airport: Ahmedabad), India

## Thursday 25 October

08:30

### EX/5, PPC/1 - TH/3 Integrated Modelling & Transport

Session | Location: Mahatma Mandir Conference Centre, Gandhinagar (nearest Airport: Ahmedabad), India

08:30–08:50

#### First principles and integrated modelling achievements towards trustful Fusion power predictions for JET and ITER

Speaker

Dr Jeronimo Garcia

08:50–09:10

#### Transport characteristics of deuterium and hydrogen plasmas with ion internal transport barrier in LHD

Speaker

Prof. Kenichi Nagaoka

09:10–09:30

#### Predictive multi-channel flux-driven modelling to optimise ICRH tungsten control in JET

Speaker

Dr Francis Casson

09:30–09:50

#### Predictive integrated modelling of plasmas and their operation scenarios towards exploitation of JT-60SA experiment

Speaker

Dr Nobuhiko Hayashi

09:50–10:10

#### Predicting the Toroidal Rotation Profile for ITER

Speaker

Dr Colin Chrystal

10:15