

Session Program

22-27 Oct 2018

27th IAEA Fusion Energy Conference - IAEA CN-258

IFE/1 Inertial Fusion Experiments & Theory

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

Wednesday 24 October

08:30

IFE/1 Inertial Fusion Experiments & Theory

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

08:30–08:50 **Two-colors mixed petawatt laser designed for fast ignition experiment**

Speaker

Dr Yasunobu Arikawa

08:50–09:10 **Production of keV-Temperature Plasma Core with Magnetized Fast Isochoric Heating**

Speaker

Prof. Shinsuke Fujioka

09:10–09:30 **Liquid DT Layer Approach to Inertial Confinement Fusion**

Speaker

Dr Ray Leeper

09:30–09:50

Thermo-mechanical and Atomistic Assessment of First Wall and Optics in non-protective chamber in Inertial Fusion Energy

Speaker

Prof. Jose Manuel Perlado

09:50–10:10 **Demonstrations of foam shell and infrared heating methods for FIREX targets**

Speaker

Dr Akifumi Iwamoto

10:15