

Session Program

13–18 Oct 2025

30th IAEA Fusion Energy Conference (IAEA FEC 2025)

Inertial Fusion Energy

Tianfu International Conference Center
Chengdu, China

Thursday 16 October

10:40

Inertial Fusion Energy

Session | **Location:** Tianfu International Conference Center, Chengdu, China | **Convener:** Sylvie Jacquemot

10:40–11:00 **HIGH GAIN FUSION BURNING IN INERTIAL CONFINEMENT FUSION PLASMA**

Speaker

Yasunobu Arikawa

11:00–11:20 **Foams as a Pathway to Energy from Inertial Fusion (FoPIFE): overview of recent results**

Speaker

sebastien Le Pape

11:20–11:40

TARGETS DEVELOPED IN THE 21ST CENTURY AT THE P.N. LEBEDEV PHYSICAL INSTITUTE OF RAS TO STUDY THE EXTREME MATTER PHYSICS USING HIGH-POWER LASER FACILITIES

Speaker

Ms Nataliya Borisenko

11:40–12:00

Prediction of the implosion dynamics via AI enhanced simulations for the Double-Cone Ignition Scheme

Speaker

Dr Fuyuan Wu

12:00–12:20 **DEVELOPMENT OF INNOVATIVE REPEATABLE POWER LASER FOR LASER FUSION**

Speaker

Jumpei Ogino

12:20