



J-TECH
@PoliTO

H2020 IL TROVATORE AUTUMN SCHOOL
on the **Development of ATF Cladding Materials**
26-27 October 2022, Torino (Italy)



**Politecnico
di Torino**

The school is aimed at PhD, graduate and master students,
without registration fees required.

Link for online participation will be provided.

Register at: <https://forms.gle/VnYbx9gUbhM3rtUX9>



Day 1

Wednesday 26th October 14.30-17.30

14.30-15.15 **L. L. Snead**, Stony Brook Univ. & MIT (USA) "**Opening address and status of ATF**"

15.15-15.45 **K. Lambrinou**, Huddersfield Univ. (UK) "**Il Trovatore project presentation and ATF activity**"

15.45-16.15 **M. Ferraris**, Politecnico Torino (Italy) "**Joining options for ATF clads**"

16.15-16.30 **COFFEE BREAK**



16.30-17.00 **M. Herrmann**, Technische Universität Dresden (Germany)
"**Laser joining for ATF clads**"

17.00-17.30 **F. Di Fonzo**, IIT-Milano (Italy) "**Coatings for ATF clads**"

18:00 - 21:00 **SOCIAL ACTIVITY & DINNER**





Day 2

Thursday 27th October 9.30-12 / 14.30-16.00

9:30-10.00 **J. Braun**, CEA (France) "**Production of SiC/SiC and mechanical test for ATF clads**"

10:00-10.30 **Y. Chen**, University of Bath (UK) "**Advanced Characterisation of ATF Clad Materials**"

10:30-11:00 **COFFEE BREAK**



11:00-11.30 **M. Finnis**, Imperial College London (UK) "**Modelling thermodynamic properties with DFT**"

11:30-12.00 **M. To Baben**, GTT-Technologies (Germany) "**Modelling thermochemical stability - data and applications**"

12.30 - 13:00 Lecturer10: TBD

12:30-13.30 **LUNCH**



13:30-16:00 "**Nuclear Got Talent**" presentation of results & winner(s)

16:00-17.00 **LAB TOUR: J-TECH@Polito**

ATF SCHOOL - OFF PROGRAM

Meltdown night: STARTING AT 19!

