

# INNUMAT Workshop Palermo



**Thursday, November 21, 2024 - Friday, November 22, 2024**

**Hotel Ai Cavalieri**

## Agenda

**Thursday, November 21st**

11:30 - 11:40 Welcome & Introduction, *Jarir Aktaa, INNUMAT Coordinator, KIT*

**Workshop session 1**

11:40 - 12:30 The European LFR prototype: analysis of challenges and expected returns from INNUMAT project, *F. Ferro, ANN*

12:30 - 13:20 Coatings for Nuclear Application, *O. Baulin, NEWCLEO*

13:20 – 15:00 Lunch break (not included, Lunch options)

15:00 - 15:50 Towards LFR development: materials & coatings, *F. Di Fonzo, X-Nano*

15:50 - 16:40 Materials & Coatings for MSR, *J. Rame, NAAREA*

16:40 – 17:10 Coffee Break

17:10 - 18:00 Cladding of components in UNS N08810 alloy with Fe-Cr-Al Alloy, *S. Di Battista, Walter Tosto*

18:00 End of the first Workshop day

**Friday, November 22nd****Workshop Session 2**

08:30 - 09:20 Methodological issues of coating qualification for corrosion mitigation in advanced nuclear systems, *S. Gavrilov, SCK-CEN*

09:20 - 10:10 AFA steel for nuclear application, *A. Weisenburger, KIT*

10:10 - 10:50 High Entropy Alloy: Status & Perspectives, *I. Toda-Caraballo, CSIC*

10:50 - 11:20 Coffee Break

11:20 - 12:10 Anti-permeation and corrosion barrier coatings for the DEMO Breeding Blanket, *M. Angiolini, EUROFUSION (ENEA)*

12:10 - 13:00 Irradiation embrittlement modelling on polycrystalline structural materials, *C. Robertson, CEA*

13:00 End of the Workshop