



GEMMA Final Online Technical Workshop

Monday, 15 November 2021

Please follow this link <https://enea.zoom.us/j/92947279680?pwd=K0lhYUYrOXAwQUFCRmlnc2k3WDJaOT09>

Final Agenda

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- 13:00 Introduction (P. Agostini, ENEA)

- 13:05 Structural materials requirements for GEN IV HLM Reactors (M.Tarantino, ENEA)

- 13:50 Compatibility/technical usability in HLM of bulk austenitic alloys and engineered surfaces (A. Weisenburger, KIT)

- 14:35 Impact of HLM's on welded joints including corrosion and mechanical properties: Pb case (K.-F. Nilsson, JRC and S. Bassini, ENEA)

- 15:20 Break*

- 15:35 Impact of HLM's on welded joints including corrosion and mechanical properties: PbBi case (E. Stergar, SCK-CEN)

- 16:20 Atomistic modelling of Fe-Cr and Fe-Ni alloys: thermodynamics, kinetics, irradiation effects (F. Soisson, CEA)

- 17:05 Mechanism of HLM Corrosion (M. Angiolini, ENEA)

- 17:50 End of the Meeting