



ADVISE Training School on Non-Destructive Evaluation for NPP

15 February 2022 – 14.00-17.00 CET

ADVISE has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 755500.



PROGRAMME

15 February 2022

14:00 – 14:05	Welcome & Introduction	Andreas Schumm, Project Coordinator (EDF)
14:05 – 14:25	Ultrasound propagation in complex elastic media	Nicolas Leymarie (CEA)
14:25 – 14:35	Presentation and demonstration of FE Beam tools	Souad Bannouf (EXTENDE)
14:35 – 14:55	Presentation and demonstration of POGO simulation software	Peter Huthwaite (Imperial College London)
14:55 – 15:15	Presentation of CIVA Plugin & CIVA Lab features for Signal Processing	Stéphane Le Berre (CEA)
15:15 – 15:35	TFM imaging of complex and anisotropic materials	Sébastien Robert (CEA)
15:35 – 15:45	<i>Break</i>	
15:45 – 16:05	Presentation of Scattering Matrix feature on FMC data (measured or simulated)	Alexander Velichko (University of Bristol)
16:05 – 16:25	Ray inversion for determining weld maps from ultrasound	Michal Kalkowski (Imperial College London)
16:25 – 16:35	Presentation and demonstration of TFM SEE feature in CIVA	Souad Bannouf (EXTENDE)
16:35 – 16:45	Presentation and demonstration of the SEE feature on Eddyfi acquisition system	Hubert Voillaume (Eddyfi)
16:45 – 17:00	Questions & Answers Concluding remarks	Andreas Schumm, Project Coordinator (EDF)