

Agenda

PUMMA Workshop

Spent Fuel

Manchester, UK, 13-14 December 2022

Version N°2

Organizers:

NNL

MS Teams link for remote participants:

[LINK](#)





Day 1 – 13 December 2022

Time	Presentations	Lecturer	Organisation
Welcome			
9H30	Room opening		
10H00	Welcome by the Host, Introduction and organization	C. Maher	NNL
10H10	Introduction to NNL	C. Maher	NNL
10H20	Overview of PUMMA Project	N. Chauvin	CEA
10H30	Reactors and Fuels	S. Van Til	NRG
Coffee Break 10H50			
11H05	Nuclear fuel cycle scenario modelling: what is needed from reprocessing	F. Alvarez-Velarde	CIEMAT
11H25	Challenges of irradiated fuel reprocessing	R. Taylor	NNL
Lunch Break 11H55 -12H55			
12H55	MOx fabrication – current & future practices	TBC	
13H25	Irradiated MOx fuel	TBC	
13H55	MOx dissolution for NNL MOx dissolutions	H. College	NNL
14H15	MOx dissolution	C. Maher	NNL
14H45	CEA irradiated MOx dissolution	M. Giraud	CEA
Break 15H05 -15H20			
15H20	NRG irradiated MOx dissolution	E. de Visser-Tynova	NRG





15H40	Off-gas management	J. Turner	NNL
16H00	Discussions : FR MOx head-end	All	All
16H40	First day concluding comments	C. Maher	NNL
16H55	<i>Meeting close</i>		

Day 2 – 14 December 2022

Time	Presentations	Lecturer	Organisation
8H45	Introduction	C. Maher	NNL
8H55	Advanced solvent extraction flowsheets	R. Taylor	NNL
9H15	Introduction to solvent radiolysis	H. Galan	CIEMAT
9H35	GANEX-2 radiolysis modelling	F. Alvarez-Velarde	CIEMAT
9H55	Geniors: GANEX-2 radiolysis modelling	M. Carrot	NNL
Coffee Break & Discussions			
Radiolysis and solvent management & other reprocessing issues			
10H30-11H00			
10H45	PhD presentations or Posters	TBC	
11H45	ATF manufacture	J. Gath	NNL
12H15	Atlantic programme overview	B. Hanson	University of Leeds
12H45	ATF nitride fuel recycle	C. Boxall	University of Lancaster
13H15	Workshop closing comments	C. Maher	NNL
13H30	Close of workshop		
13H35	Lunch		
14H35 Departure			

