

Day 1 | Monday – April 26, 2021

10:30	Welcome and introduction Introduction of the participants Overview of platform and outcomes Group photo	Michèle Coeck SCK CEN, Belgium Sven Van den Berghe SCK CEN, Belgium
11:00	What is a research reactor? Overview of various historical and current purposes	Sven Van den Berghe SCK CEN, Belgium
12:00	Lunch (+ optional video tour BR2)	
12:45	Q&A about video tour BR2	Sven Van den Berghe SCK CEN, Belgium
13:00	Research reactor history, design, construction, operation and decommissioning	Christophe Bernard TechnicAtome, France
14:30	Short break	
14:45	Pitch session 1 <ul style="list-style-type: none"> • 14:45 h: Julien Havette • 14:55 h: Iulia Ipatova • 15:05 h: Malgorzata Wroblewska • 15:15 h: Jan Pinta 	All participants
15:30	End of course day	

Day 2 | Tuesday – April 27, 2021

10:30	Material testing Beam line experiments	Yoann Calzavara Institut Laue-Langevin (ILL), France
12:00	Lunch (+ optional video tour ILL)	
12:45	Q&A about video tour ILL	Yoann Calzavara Institut Laue-Langevin (ILL), France
13:00	Reactor experiments	Stéphane Valance CEA, France
14:30	Short break	
14:45	Discussion on how students use research reactor facilities	Winfried Petry Technical University of Munich (TUM), Germany
16:00	End of course day	

Day 3 | Wednesday – April 28, 2021

10:30	LEU conversion fuel needs & material testing Fuel experiments	Sven Van den Berghe SCK CEN, Belgium
12:00	Lunch (+ optional video tour LHMA)	
12:45	Q&A about video tour LHMA	Sven Van den Berghe SCK CEN, Belgium
13:00	Fuel performance of existing MTR fuels and LEU fuel development	Sven Van den Berghe SCK CEN, Belgium
14:30	Short break	
14:45	Pitch session 2 <ul style="list-style-type: none"> • 14:45 h: Younes Hmimnat • 14:55 h: Gareth Stephens • 15:05 h: Jan Syblik • 15:15 h: Andras Vanyi • 15:25: Nicolas Hibert 	All participants
15:35	End of course day	

Day 4 | Thursday – April 29, 2021

10:30	Fuel fabrication fuel powder, plates, assemblies and transport	Bertrand Stepnik CERCA, France
12:00	Lunch	
13:00	Overview of safety issues/accidents Examples	Andrzej Strupczewski NCBJ, Poland
14:30	Short break	
14:45	Discussion on isotope production for medicine, industry and research by research reactors	Winfried Petry Technical University of Munich (TUM), Germany
16:00	End of course day	

Day 5 | Friday – April 30, 2021

10:30	History of LEU conversion and lessons learned Summary of research reactors analysis needs	Marek Migdal NCBJ, Poland
12:00	Lunch (+ optional video tour MARIA)	
12:45	Q&A about video tour MARIA	Marek Migdal NCBJ, Poland
13:00	LEU code development and numerical simulations	Christian Reiter Technical University of Munich (TUM), Germany
14:30	Short break	
14:45	Numerical simulations of a nuclear reactor	Christian Reiter Technical University of Munich (TUM), Germany
15:45	Wrap-up session	All participants
16:00	End of course day	