

THOR 1st Open Collaboration Meeting

- and some other NFI Loop Labs activities

10th-11th May 2022, M-SParc, Anglesey, UK



<https://nubu.nu/>

Day 1

Time	Talk/Activity	Speaker/Responsible	Duration
10:00 – 10:30	Reception, coffee & nibbles		30 min
10:30 – 11:00	Introduction to the NFI and M-SParc Loop Labs	Michael Rushton	30 min
11:00 – 11:30	THOR design history, prospects and ambitions	Marcus Dahlfors	30 min
11:30 – 11:50	BULLET – a molten Pb test loop	Alberto Fraile	20 min
11:50 – 12:00	Break		10 min
12:00 – 12:45	Visit to the Loop Labs and THOR	NFI team	45 min
12:45 – 13:45	Lunch		60 min
13:45 – 14:05	THOR loop system design calculations	Jivan Khatry	20 min
14:05 – 14:25	THOR instrumentation design	Jinfeng Li	20 min
14:25 – 14:45	THOR Process Control and Instrumentation: Status and Opportunities	Abiodun Ayodeji/Hafiz Ahmed	20 min
14:45 – 15:05	Wire mesh and optical sensing for T/H measurements	Harvey Plows	20 min
15:05 – 15:30	Coffee		25 min
15:30 – 15:50	Multiscale Modelling of Lead Corrosion for Lead-Cooled Fast Reactors (LFR)	Robert Annewandter	20 min
15:50 – 16:30	Open floor discussion	NFI team	40 min

Day 2

Time	Talk/Activity	Speaker/Responsible	Duration
9:15 – 9:45	Reception, coffee & nibbles		30 min
9:30 – 10:45	Projects on the way in RDTH	Marat Margulis	30 min
10:45 – 11:15	Introduction to the “THUNDER” concept	Marcus Dahlfors	15 min
11:15 – 12:00	Free form collaboration discussions Split sessions per participant request	NFI Team/All	90 min
12:00 –	Departure, optional lunch at MSP cafeteria (not event sponsored)		45 min