

29.06.2020 Monday

Time	Topic	Speaker
10.30 - 11.00	School opening	MEPhI
11.00 - 11.45	Welcome Speech	Prof. Balakin, Prof. Antonsen Nils Ottar (HVL, Norway)
11.45 - 12.00	Break	
12.00 - 13.00	Overview of Nuclear Power: Advantages, Issues and Prospects	Rinat Bogdanovich (BSU, Belarus)
13.00 - 14.00	Lunch break	
14.00 - 15.30	Gen IV Reactor design concepts	Prof. K. Mikityuk (PSI, Switzerland)
15.30 - 16.30	Break	
16.30 - 18.00	Current status of electricity generation and nuclear power in the world	Prof. Igor Pioro (CSME & EIC, Canada)

30.06.2020 Tuesday

Time	Topic	Speaker
11.00 - 12.30	Improving safety for existing water cooled reactors	Prof. Francesco D'Auria (University of Pisa, Italy)
12.30 - 14.00	Lunch break	
14.00 - 15.30	Multiphysics modeling	Prof. Manuele Aufiero (Milano Multiphysics, Italy)
15.30 - 16.00	Break	
16.00 - 17.30	Monte Carlo modeling. MCU Introduction	Denis Shkarovskiy (NRC KI, Russia)

01.07.2020 Wednesday

Day off

02.07.2020 Thursday

Time	Topic	Speaker
11.00 - 12.30	Basics of fluid dynamics. Part 1	Viktoria Popsueva (HVL, Norway)
12.30 - 14.00	Lunch break	
14.00 - 15.30	Basics of fluid dynamics. Part 2	Viktoria Popsueva (HVL, Norway)
15.30 - 16.00	Break	
16.00 - 17.30	CFD models for multiphase flows	Ghofrane Sekrani, (Université de Sherbrooke, Canada)

03.07.2020 Friday

Time	Topic	Speaker
11.00 - 12.30	Introduction to StarCCM+ (pass 953730)	Sergey Anpilov (MSU, Russia)
12.30 - 14.00	Lunch break	
14.00 - 15.30	Work with StarCCM+ (pass 953730)	Sergey Anpilov (MSU, Russia)
15.30 - 16.00	Break	
16.00 - 17.30	Multiphase flows in StarCCM+ (pass 667616)	Boris Balakin (HVL, Russia)

06.07.2020 Monday

Time	Topic	Speaker
11.00 - 12.30	Work with StarCCM+ (pass 686131)	Sergey Anpilov (MSU, Russia)
12.30 - 14.00	Lunch break	
14.00 - 15.30	Work with StarCCM+ (pass 686131)	Sergey Anpilov (MSU, Russia)
15.30 - 16.00	Break	
16.00 - 17.30	Work with StarCCM+ (pass 686131)	Boris Balakin (HVL, Norway)

07.07.2020 Tuesday

Time	Topic	Speaker
11.00 - 12.30	FlowVision. Multipurpose Computational Fluid Dynamic Code for Everyone	Igor Moskalev (TESIS Ltd., Russia)
12.30 - 14.00	Lunch break	
14.00 - 15.30	FlowVision. First steps (pass 720031)	Tatiana Markova (TESIS Ltd., Russia)
15.30 - 16.00	Break	
16.00 - 17.30	Work with FlowVision (pass 720031)	Elena Ovsyannikova (TESIS Ltd., Russia)

08.07.2020 Wednesday

Time	Topic	Speaker
11.00 - 12.30	Work with FlowVision (pass 885665)	Elena Ovsyannikova (TESIS Ltd., Russia)
12.30 - 14.00	Lunch break	
14.00 - 15.30	Work with FlowVision (pass 885665)	Tatiana Markova (TESIS Ltd., Russia)
15.30 - 16.00	Break	
16.00 - 17.30	Work with FlowVision (pass 885665)	Elena Ovsyannikova (TESIS Ltd., Russia)

09.07.2020 Thursday

Time	Topic	Speaker
11.00 - 12.30	Nuclear Data. Monte Carlo Calculations (pass 243530)	Denis Shkarovskiy (NRC KI, Russia)
12.30 - 14.00	Lunch break	
14.00 - 15.30	MCU Calculations (pass 243530)	Denis Shkarovskiy (NRC KI, Russia)
15.30 - 16.00	Break	
16.00 - 17.30	MCU Calculations (pass 243530)	Denis Shkarovskiy (NRC KI, Russia)

10.07.2020 Friday

Time	Topic	Speaker
11.00 - 13.00	School closing (pass 320750)	MEPhI, all