



<b>Week 1:</b> <b>June 20-23, 2023</b>	Professors: Emilio BAGLIETTO, Benoit FORGET
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<b>DAY 1: Tues. 06/20/23</b>	<b>PERSPECTIVES ON SAFETY</b>
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8:30-9:00 AM	Welcome / setup & Course Overview	Prof. Emilio BAGLIETTO, MIT
9:00-10:00 AM	<b>An International Perspective on Nuclear Safety</b>	<b>Dr. Richard MESERVE</b> , Chairman of the International Nuclear Safety Group (INSAG)
10:00-11:00 AM	<b>Current Regulatory Issues</b>	<b>Ms. Andrea KOCK</b> , US NRC
11:00 AM-12:00 PM	<b>International Nuclear Safety Perspective – NEA Viewpoint</b>	<b>Ms. Véronique ROUYER</b> , Head of the Nuclear Safety, Technology and Regulation Division, NEA
12:00 PM	Closing	

<b>DAY 2: Wed. 06/21/23</b>	<b>REACTOR TECHNOLOGY AND OPERATION</b>
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9:00-10:00 AM	<b>Safety of Worldwide Nuclear Operations</b>	<b>Mr. Tom MITCHELL</b> WANO – Chairman
10:00-11:00 AM	<b>Industry Perspective on Safety</b>	<b>Mr. Douglas TRUE</b> , NEI
11:00 AM-12:00 PM	<b>Risk Assessment &amp; Applications</b>	<b>Dr. George APOSTOLAKIS</b> , NRR-C-JAPAN
12:00 PM	Closing	

<b>DAY 3: Thurs. 06/22/23</b>	<b>REACTOR TECHNOLOGY AND OPERATION</b>
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9:00-10:00 AM	<b>PWR Active and Passive Systems</b>	<b>Dr. Luca ORIANI</b> , Westinghouse
10:00-11:00 AM	<b>Advanced Reactors: Industry + Government Perspectives</b>	<b>Dr. Jennifer UHLE</b> , NEI
11:00 AM-12:00 PM	<b>Multi-Source PRA Issues</b>	<b>Dr. George APOSTOLAKIS</b> , NRR-C-JAPAN
12:00 PM	Closing	

<b>DAY 4: Fri. 06/23/23</b>	<b>NEW BUILDS</b>
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9:00-10:00 AM	<b>Decommissioning</b>	<b>Dr. Andrew KADAK</b> Kadak Associates, Inc.
10:00-11:00 AM	<b>Lessons Learned from Three Severe Accidents</b>	<b>Dr. Joy REMPE</b> , Rempe and Associates, LLC
11:00 AM-12:00 PM	<b>Licensing Processes</b>	<b>Mr. William RECKLEY</b> , US NRC
12:00 PM	Closing	

\* Includes 10-minute Flex Breaks  
 \*\*Schedule subject to change  
 \*\*\*All times listed are Eastern (Boston, MA) Times



# NUCLEAR PLANT SAFETY COURSE

**Week 2:**  
**June 26-29, 2023**

Professors:  
Emilio BAGLIETTO, Benoit FORGET

<b>DAY 5: Mon. 06/26/23 NEW BUILDS</b>		
8:30-9:00 AM	Overview	<b>Prof. Benoit FORGET, MIT</b>
9:00-10:00 AM	<b>Regulation-Canadian View</b>	<b>Dr. Douglass MILLER, CNSC</b>
10:00-11:00 AM	<b>BWRX300 Design and Licensing</b>	<b>Dr. Christer DAHLGREN, GE-Hitachi</b>
11:00AM-12:00 PM	<b>NuScale SMR Plant Design and Safety</b>	<b>Dr. Kent WELTER, NUSCALE</b>
12:00PM	Closing	

<b>DAY 6: Tues. 06/27/23 REACTOR OPERATION</b>		
9:00-10:00 AM	<b>Digital Instrumentation and Controls: Current Status and Prospects</b>	<b>Dr. Sacit CETINER, INL/ MIT</b>
10:00-11:00 AM	<b>Human Performance: Operating Events &amp; Human Reliability Analysis</b>	<b>Dr. Dennis BLEY</b> Buttonwood Consulting, Inc.
11:00AM-12:00 PM	<b>Seismic Safety</b>	<b>Dr. Robert BUDNITZ, LBNL (retired)</b>
12:00PM	Closing	

<b>DAY 7: Wed. 06/28/23 REACTOR SAFETY / OPERATION</b>		
9:00-10:00 AM	<b>Operational Safety</b>	<b>Ms. Suzanne LOYD, Constellation Energy</b>
10:00-11:00 AM	<b>Safety of Spent Fuel</b>	<b>Dr. Charles FORSBERG, MIT</b>
11:00 AM-12:00 PM	<b>LWR Materials I</b>	<b>Prof. Ronald BALLINGER, MIT</b>
12:00PM	Closing	

<b>DAY 8: Thurs.06/29/23 MATERIALS AND FUEL SAFETY</b>		
9:00-10:00 AM	<b>Physical and Cyber Security at the NRC</b>	<b>Dr. Mirela GAVRILAS, US NRC</b>
10:00-11:00 AM	<b>Fuel Safety Issues</b>	<b>Mr. Zeses KAROUTAS, Westinghouse</b>
11:00 AM-12:00 PM	<b>LWR Materials II</b>	<b>Prof. Ronald BALLINGER, MIT</b>
12:00PM	Closing	



UPDATED 05/31/23



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