



Croatian Nuclear Society

in cooperation with



EUROPEAN NUCLEAR SOCIETY



15<sup>th</sup> International Conference of the  
**C R O A T I A N**  
**N U C L E A R S O C I E T Y**

Nuclear Option for Reliable  
Electricity Generation

May 31 – June 3, 2026, Zadar, Croatia

Conference Programme



## PROGRAMME COMMITTEE

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- |                        |                    |
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## CONFERENCE LOCATION

The conference will take place in the **Hotel Kolovare** in Zadar.

## CONFERENCE PROCEEDINGS

All papers, presented orally or as posters, accepted upon peer review are included into the Conference Proceedings. Book of Abstracts and Conference Proceedings on the USB memory stick can be found in the conference package.

## INFORMATION

For further information and possible questions please refer to the Conference registration desk in the Hotel Kolovare.

## SOCIAL EVENTS

### WELCOME RECEPTION

The welcome reception will take place on **Sunday, May 31<sup>st</sup> 2026, at 20:00 h** in the **Hotel Kolovare, Wine Boutique area**. You are welcome to attend.

### CONFERENCE DINNER

The conference dinner will take place on **Tuesday, June 2<sup>nd</sup> 2026**, in the **Hotel Kolovare Restaurant at 20:00 h** in Zadar.

## CONFERENCE OVERVIEW

### ORAL PRESENTATIONS

From Monday, June 1<sup>st</sup>, till Wednesday, June 3<sup>rd</sup>, following 8 sessions with oral presentations are foreseen:

*Session 1. Nuclear Safety Analyses (NSA)*

*Session 2. Operation, Maintenance and Lifetime Expansion Experience (OMLEE)*

- Session 3. ***Nuclear Option in the Context of Energy, Economics, Finance and Resilience (NEEFR)***
- Session 4. ***Regulatory Practice, Licensing, Emergency Preparedness, Safety Culture and Public Relations (RPLEP)***
- Session 5. ***Reactor Physics and Nuclear Fuel Cycle (RPNFC)***
- Session 6. ***Severe Accident Analyses and Risk Assessment (SAARA)***
- Session 7. ***Radioactive Waste Management and Decommissioning, Radiation Hazard and Protection (RWMD)***
- Session 8. ***Small Modular Reactors (SMRs)***

### INVITED PRESENTATIONS

Eleven invited presentations (by I. Paić, M. Perić, M. Španić, R. Tomičić, B. Petrović, K-B. Lee, P. Mach, J. Mišák, I. Kouklik, A. Guelfi, S. Park, W. Bizollon, Y. Kim) will be held in the course of the Conference. The details are given in the programme.

### ROUND TABLE

Round table discussion “**SMRs today and tomorrow**” is taking place on Tuesday, **June 2<sup>nd</sup> 2026, from 17:30 to 19:00 h**. The round table discussion is devoted to SMR trends and perspectives from the point of view leading industry vendors.

### POSTER PRESENTATIONS

Poster session will take place on Wednesday, **June 3<sup>rd</sup> 2026, from 9:00 h to 10:30 h**, in the Posters Hall.

### YOUNG AUTHORS AWARD CEREMONY

The Young Authors Award Ceremony will take place on Wednesday, **June 3<sup>th</sup> 2026**, during the Conference Closing session **from 16:30 h to 17:00 h**.

**CONFERENCE**

	Sunday, May 31 <sup>st</sup>	Monday, June 1 <sup>st</sup>
8:00		<b>Registration</b>
8:30		
9:00		<b>Welcome Addresses</b>
9:30		
10:00		<b>Invited Presentation 1</b>
10:30		<b>Invited Presentation 11</b>
11:00		<b>Coffee Break</b>
11:30		<b>Invited Presentation 2</b>
12:00		Session 2: <b>OMLEE</b>
12:30		<b>Invited Presentation 3</b>
13:00		<b>Lunch Break</b>
13:30		
14:00		<b>Invited Presentation 4</b>
14:30		Session 3: <b>NEEFR</b>
15:00		
15:30		<b>Coffee Break</b>
16:00		
16:30		Session 5: <b>RPNFC</b>
17:00		
17:30		
18:00		
18:30	<b>Conference Registration</b>	
19:00		
19:30		
20:00	<b>Welcome Reception</b>	
20:30		

**Sessions:**

- RT** Round Table
- NSA** Nuclear Safety Analyses
- OMLEE** Operation, Maintenance and Lifetime Expansion Experience
- NEEFR** Nuclear Option in the Context of Energy, Economics, Finance and Resilience

# PROGRAMME

Tuesday, June 2 <sup>nd</sup>	Wednesday, June 3 <sup>rd</sup>	
<b>Registration</b>	<b>Registration</b>	8:00
		8:30
<b>Invited Presentation 7</b>	<b>Poster Session</b>	9:00
<b>Invited Presentation 8</b>		9:30
<b>Invited Presentation 9</b>		10:00
<b>Invited Presentation 10</b>		10:30
<b>Coffee Break</b>	<b>Coffee Break</b>	11:00
<b>Session 8: SMRs</b>	<b>Session 4: RPLEP (con)</b>	11:30
	<b>Session 6: SAARA</b>	12:00
		12:30
<b>Lunch Break</b>	<b>Lunch Break</b>	13:00
		13:30
	<b>Invited Presentation 6</b>	<b>Session 7: RWMD</b>
14:30		
15:00		
15:30		
16:00		
<b>Session 1: NSA</b>	<b>Coffee Break</b>	16:00
	<b>Conference Closing</b>	16:30
<b>Round Table (RT): SMRs today and tomorrow</b>		17:00
		17:30
		18:00
		18:30
		19:00
		19:30
<b>Conference Dinner</b>		20:00
		20:30

**Sessions:**

- RPLEP** Regulatory Practice, Licensing, Emergency Preparedness, Safety Culture and Public Relations
- RPNFC** Reactor Physics and Nuclear Fuel Cycle
- SAARA** Severe Accident Analyses and Risk Assessment
- RWMD** Radioactive Waste Management and Decommissioning, Radiation Hazard and Protection
- SMRs** Small Modular Reactors

# CONFERENCE SCHEDULE

## MONDAY, June 1<sup>st</sup>

8:00-9:00	Registration of participants
9:00-11:00	<p style="text-align: center;"><b>OPENING SESSION</b></p> <p style="text-align: center;">Chairs: Siniša Šadek, Ivica Bašić, Mario Matijević (Croatian Nuclear Society)</p> <p style="text-align: center;">Welcome Addresses Invited Presentations</p>
	<p>IP-1 <b>Ivan Paić, Mario Perić</b> KONČAR's Long-Term Operational and Maintenance Support at the Krško Nuclear Power Plant</p> <p>IP-11 <b>Yong Hee Kim</b> Advanced Breakeven Molten Salt Fast Reactor (BeMFR) for Sustainable Nuclear Energy</p>
11:00-11:30	Coffee Break
11:30-12:00	Invited Presentations
	IP-2 <b>Matea Španić, Robert Tomičić</b> Automated Flaw Detection from Eddy Current Data Using Convolutional Neural Networks
12:00-12:30	<p style="text-align: center;"><b>Operation, Maintenance and Lifetime Expansion Experience (OMLEE)</b></p> <p style="text-align: center;">Chairs: Mario Gluhak (NPP Krško, Slovenia), Igor Vuković (NPP Krško, Slovenia)</p>
	<p>S2-106 <b>Nejc Friškovec, Klemen Grozina, Manja Obreza, Dalibor Igrec</b> Data-Driven Regression Approaches for Early Anomaly Detection in Medium-Voltage Electric Motors</p> <p>S2-160 <b>Amir Beširević, Nataša Kovjanović, Bruno Bogatin</b> Evaluation of Control Rod Drop Time Measurement Methodologies in Nuclear Power Plants</p>
12:30-13:00	Invited Presentations
	IP-3 <b>Bojan Petrović</b> Opportunities for Nuclear Power in Maritime Applications
13:00-14:00	Lunch Break
14:00-14:30	Invited Presentations
	IP-4 <b>Ki Bog Lee</b> The Role of Nuclear Power in Korea's Energy Mix: Current Status, Policy Direction, and Future Outlook

14:30-15:30	<p style="text-align: center;"><b>Nuclear Option in the Context of Energy, Economics, Finance and Resilience (NEEFR)</b></p> <p style="text-align: center;"><b>Chairs:</b>  <b>Jozef Mišák (UJV Rez, Czech Republic),          Nikola Čavlina (FER University of Zagreb, Croatia)</b></p>
	<p>S3-101 <b>Jan Emblemsvåg</b> Powering Small Grids and Islands Using Floating Nuclear Power Plants</p> <p>S3-102 <b>Marianne Synnes Emblemsvåg, Jan Emblemsvåg</b> Stakeholder Engagement in the Adoption of Nuclear Propulsion in Merchant Shipping</p> <p>S3-134 <b>Dandara Araujo Da Silva</b> Microreactors: Enabling Resilient Energy Solutions for Critical Applications</p> <p>S3-201 <b>Damjana Pirc, Andrej Trošt, Gregor Srpčič, Urška Klenovšek, Mateja Podgoršek</b> Methodology for the Identification of Sites for the Deployment of Small Modular Reactors (SMRs) in Slovenia</p>
15:30-16:00	<b>Coffee Break</b>
16:00-17:30	<p style="text-align: center;"><b>Reactor Physics and Nuclear Fuel Cycle (RPNFC)</b></p> <p style="text-align: center;"><b>Chairs:</b>  <b>Bojan Petrović (Georgia Institute of Technology, USA),          Marjan Kromar (Jožef Stefan Institute, Slovenia)</b></p>
	<p>S5-129 <b>Erlend Hagen</b> Closing the Loop: Why the Nuclear Fuel Cycle Matters for a Sustainable European Energy System</p> <p>S5-132 <b>Lucija Dasović, Mario Matijević</b> Calculation of PWR Reactor Xenon Poisoning Using the Wigner-Seitz Approximation and Physics-Informed Neural Networks</p> <p>S5-139 <b>Božidar Obradović, Miodrag Milošević</b> Extension of the WIMSD-5B Code for Multi-Zone Fuel Modelling Using Geometry-Consistent Dancoff Factors</p> <p>S5-164 <b>Marjan Kromar, Gašper Letnar</b> Criticality Sensitivity Analysis of a Generic Spent Nuclear Fuel Disposal Cask</p> <p>S5-170 <b>Mario Matijević, Siniša Šadek, Krešimir Trontl</b> Severe Accident Gamma Dose Mapping of PWR Nuclear Island Using FW-CADIS Methodology and Contribution Flux</p> <p>S5-175 <b>Paul Vollrath, Farzad Rahnema, Ding Kang Zhang, Abderrafi Ougouag</b> A Stylized 3D General Electric PRISM Nitride Fuel Configuration Benchmark Problem</p>

**TUESDAY, June 2<sup>nd</sup>**

<b>8:00-9:00</b>	<b>Registration of participants</b>
<b>9:00-11:00</b>	<b>Invited Presentations</b>
	<p>IP-7 <b>Ivo Kouklik</b> CEZ Small Modular Reactors Program</p> <p>IP-8 <b>Antoine Guelfi</b> NUWARD SMR, a Multi-energy Platform Serving Industries and Utilities to Accelerate Transition to a Low-carbon Energy Future</p> <p>IP-9 <b>Sohyun Park</b> KHNP i-SMR: Advanced Passive Safety Design and Deployment Strategy for Emerging Nuclear Markets</p> <p>IP-10 <b>William Bizollon</b> Holtec SMR-300: From First-of-a-Kind Deployment to Global Fleet Readiness</p>
<b>11:00-11:30</b>	<b>Coffee Break</b>
<b>11:30-13:00</b>	<p><b>Small Modular Reactors (SMRs)</b></p> <p><b>Chairs:</b> <b>Ivo Kouklik (CEZ, Czech Republic),</b> <b>Davor Grgić (FER University of Zagreb, Croatia)</b></p>
	<p>S8-113 <b>Marko Budimir, Dejan Strbad, Mihaela Orić, Filip Novoselnik, Ante Bilušić, Fabjan Jozić, Josip Žunić, Rita Rudelić, Toma Šiklič</b> Physics-Informed Digital Twin and Reconstruction Pipeline for Under-Lead Ultrasonics in Lead-Cooled SMRs</p> <p>S8-117 <b>Joonku Lee, Daeil Lee, Bonseung Koo, Sanghoon Bae, Youngwoong Kim</b> Development Strategies for Advanced Nuclear Instrumentation Technologies for Innovative Small Modular Reactors</p> <p>S8-125 <b>Hanna Kim, Rira Park, Hyungmo Kim</b> Individual Phase Flow Rate Measurement Technique Using Optical Fiber Sensor in Horizontal Stratified Flow</p> <p>S8-202 <b>Andrew Girona, Abderrafi Ougouag, Sonat R. Sen, Farzad Rahnema, George Griffith, Dingkang Zhang</b> A Coolant-Free Generic Replacement for Reactor Vessel Cooling Systems: Steady-State Normal Operation Analysis of Implementation for a Small Sodium-Cooled Fast Reactor (SFR)</p> <p>S8-192 <b>Hlib Kryvonishchenko, Julia Brzozowska</b> Westinghouse Advanced Passive (AP) Technology</p>

<b>13:00-14:30</b>	<b>Lunch Break</b>
<b>14:30-15:30</b>	<b>Invited Presentations</b>
	<p>IP-6 <b>Jozef Mišák</b> Specific Issues of Licensing Small Modular Reactors</p> <p>IP-5 <b>Petr Mach</b> Approach to License New Build NPPS in Czechia</p>
<b>15:30-16:00</b>	<b>Coffee Break</b>
<b>16:00-17:30</b>	<p><b>Nuclear Safety Analyses (NSA)</b> <b>Chairs:</b> <b>Siniša Šadek (FER University of Zagreb, Croatia),</b> <b>Josip Vuković (Enconet, Croatia)</b></p>
	<p>S1-151 <b>Seungwon Jeon, Hyewon Lim, Seoyeon Park, Jaegu Lee, Jihun Yun, Youngmin Kim, Hyungmo Kim</b> A Lock-up Characteristics of the Hydraulic Snubber for Plant Piping Systems</p> <p>S1-154 <b>Ryuichi Kishimoto, Albert Dairo, Jaclyn Natividad, Mark Gino Aliperio</b> From Steam to Power: Using the GPWR Simulator to Strengthen Safety Culture in Turbine-Generator Operations</p> <p>S1-155 <b>Petra Strmečki, Davor Grgić, Siniša Šadek, Paulina Družijanić</b> Calculation of Radiological Consequences of Design Basis Accidents for Licensing Purposes</p> <p>S1-176 <b>Bong-Oh Choi, Min-Shin Jung, Ung-Soo Kim</b> A Safety Analysis Methodology for Non-Loss of Coolant Accidents (Non-LOCA) in an Innovative Small Modular Reactor (i-SMR)</p> <p>S1-183 <b>Alessandro Agostini, Kim Anh Ngoc Truong, Domenico De Luca</b> Validation of Coupled RELAP5/PARCS Codes for Main Steam Line Break analysis: a TMI-1 Benchmark Study</p> <p>S1-213 <b>Chiwoong Choi, Seungwook Lee</b> Uncertainty Quantification of the IBLOCA LSTF Test No.1 Based on the SAPIUM Guideline</p>
<b>17:30-19:00</b>	<p><b>Round Table: SMRs today and tomorrow</b> <b>Chair: Davor Grgić (FER University of Zagreb, Croatia)</b></p>
<b>20:00</b>	<b>Conference Dinner</b>

**WEDNESDAY, June 3<sup>rd</sup>**

<b>8:00-9:00</b>	<b>Registration of participants</b>
<b>9:00-10:30</b>	<b>Poster Session</b> <b>Chair:</b> <b>Paulina Družijanić (FER University of Zagreb, Croatia)</b>
	S1-121 <b>Jungseon An, Sangjung Park, Daegwang Hong</b> Overview of i-SMR Non-LOCA Safety Analysis (SAR sections 15.3&4)
	S1-122 <b>Seokhwan Jeong, Juhyun Park</b> Safety Analysis of i-SMR under LOCA Conditions using SPACE Code
	S1-150 <b>Vesna Benčik, Davor Grgić, Siniša Šadek, Paulina Družijanić, Petra Strmečki</b> Protection System Setpoints for Steam Line Break Accident Containment Response Analysis for NPP Krško
	S1-153 <b>Mark Gino Aliperio</b> Simulated Small-break Loss-of-Coolant Accident (SBLOCA): Transient Analysis in PWRs
	S1-156 <b>Ryuichi Kishimoto, Albert Dairo, Jaclyn Natividad, Mark Gino Aliperio</b> Strengthening Emergency Preparedness for Station Blackout Using a GPWR Simulator
	S1-159 <b>Josip Vuković, Davor Grgić</b> FDS Fire Modelling Calculations in NPP Safety Related Pump Rooms
	S1-161 <b>Michele Marra, Cristiano Ciurluini, Fabio Giannetti</b> Thermomechanical and Reactivity Feedback Analysis in Lead-Cooled Fast Reactor Cores
	S1-189 <b>Alessandro Agostini, Simone Di Pasquale, Marco Cherubini</b> Assessment of Intra-Pellet Temperature Distribution Effects on Reactivity During RIA Conditions: A Deterministic Analysis Based on the HERA JEEP Benchmark
	S2-107 <b>Marko Pirc, Renato Barbarić, Klemen Grozina, Nejc Friškovec</b> Dielectric Losses Diagnostic Testing of Medium-Voltage Cables and Motors in Krško Nuclear Power Plant
	S2-114 <b>Gordan Janković, Franjo Boh</b> Modernization of Central Alarming System at Krško NPP
	S2-124 <b>Robert Kelavić, Sanja Smirić, Dejan Kralj</b> Modernization of the Film Forming Amine Injection Skid and Performance Evaluation of the 2025 FFA Application at Krško Nuclear Power Plant

S2-136	<b>Darko Cicvarić</b> Digital Rod Position Indication Advances Display System Installation at Krško NPP
S2-138	<b>Vladislav Krošelj, Anton Preskar</b> Water Treatment System Replacement in Perspective of Long Term Krško NPP Operation
S2-158	<b>Klemen Debelak, Martin Avguštin</b> JEK2 Condenser Cooling Technology
S3-123	<b>Luka Alujević</b> System Levelized Cost of Electricity of Nuclear Power Plants and Other Energy Sources
S3-126	<b>Jan Kuhar, Tomaž Ploj</b> JEK2 Project Schedule: Key Milestones Toward the Final Investment Decision
S3-127	<b>Jure Kladnik, Gregor Srpčič, Robert Bergant</b> Non-electric Applications of Small Modular Reactors in Slovenia
S3-144	<b>Dinka Lale, Dubravko Pevec, Nora Miljanić, Mario Matijević</b> Maritime Applications of Nuclear Energy
S4-112	<b>Chanki Lee</b> Analyses of Nuclear Emergency Preparedness and Response Regulations Between U.S. and South Korea
S4-120	<b>Sunghyun Park, Uiju Jeong, Chulkyu Lim, Sung-Yeop Kim</b> Revision of Siting Criteria and Status of Emergency Planning Zone in Korea: Implications for Small Modular Reactors
S4-133	<b>Krešimir Trontl, Mario Matijević</b> Public Opinion Survey on Nuclear Energy and Radioactive Waste Management 2026
S4-184	<b>Juraj Milobar, Vedran Nikl, Hrvoje-Josip Maraković, Zvonimir Čaić</b> Exploring Trends and Patterns in International Event Reporting
S4-194	<b>Lara Kerep, Andrea Talian</b> The Role of Information Centres in Communication with the Public on Radioactive Waste Management
S5-141	<b>Luka Marjanović, Miodrag Milošević</b> Development and Optimization of Geometric Models of a HPGe Detector for Numerical Efficiency Calculation
S5-142	<b>Paulina Družijanić, Davor Grgić, Radomir Ječmenica, Davor Rašeta</b> Shielding Analysis of a Reinforced Concrete Container for Conditioning Low- and Intermediate-level Radioactive Waste from Nuclear Power Plant Krško

S5-145	<b>Paulina Družijanić, Matija Zidar, Davor Grgić</b> Optimization of Spent Fuel Assemblies Arrangement in Dry Storage Casks using Mixed integer Programming and Heuristic Methods
S5-169	<b>Mario Matijević, Antonia Mesić, Krešimir Trontl, Pevec Dubravko</b> Application of Composite Buildup Factors in Point-Kernel Method for Laminated Gamma Shields
S5-182	<b>Davor Grgić, Radomir Ječmenica, Bojan Petrović</b> FHR Core Monte Carlo Calculation using Serpent2 Code
S6-105	<b>Reni Banov</b> Optimizing the Number of Gates Representing a FTA k/n Operator on a Quantum Computer
S6-143	<b>Mario Mihalina, Daniel Schneider</b> Feasibility Assessment of Structural and Component Enhancements at Generation II Pressurized Water Reactors for Implementing External Reactor Vessel Cooling (ERV) in Severe Accident Mitigation
S6-187	<b>Siniša Šadek, Davor Grgić, Petra Strmečki, Mario Matijević</b> Thermohydraulic Influence on the Severe Accident Progression in a Small Modular Reactor
S7-109	<b>Luka Lotina, Paula Antonija Bačani, Gabriela Jazvac, Ana Marija Kožuljević, Luka Pavelić</b> Testing the Response of Several Dosimeters to X-ray Radiation
S7-111	<b>Ana Marija Kožuljević, Gabriela Jazvac, Luka Pavelić</b> Segmented Compton Camera with Dual Perpendicular Silicon Photomultiplier Read-Out for $4\pi$ Gamma Ray Imaging
S7-137	<b>Matej Rupret, Sandi Viršek</b> NORM Disposal Sites at the Closed Uranium Mine Žirovski Vrh
S7-163	<b>Danijela Soldatović, Dalibor Arbutina</b> Legacy Radioactive Waste Management and Development of a Radioactive Waste Processing Facility at the Vinča Site
S7-171	<b>Simona Sučić</b> Information System Modernization for Safe and Traceable Management of Radioactive Waste at ARAO
S7-178	<b>Mirta Čanak, Andrea Rapić, Josip Lebegner, Ozren Larva, Marko Špelić, Marko Budić, Tomislav Kurečić, Josipa Maslač Soldo, Dario Perković</b> Research, Development and Establishment Program for a Radioactive Waste Disposal Facility in the Republic of Croatia

	<p>S8-108 <b>Sanghoon Bae, Joonku Lee</b> Consideration of GWR Technique Adaptation for Pressurizer Level Measurement in i-SMR</p> <p>S8-140 <b>Jiyeon Choi, Hyewon Lim, Juheon Kim, Hyungmo Kim</b> Uncertainty Analysis of Wall-Temperature Measurement using Distributed Optical Fibre Sensors</p> <p>S8-166 <b>Ondrej Uhrík</b> Advanced Modular Reactor Development in the Slovak Republic</p>
<b>10:30-11:00</b>	<p style="text-align: center;"><b>Regulatory Practice and Emergency Preparedness (RPEP)</b></p> <p style="text-align: center;">Chairs:</p> <p style="text-align: center;">Sanja Kukmanović (Fund for Financing the Decommissioning of the Krško NPP, Croatia), Krešimir Trontl (FER University of Zagreb, Croatia)</p>
	<p>S4-118 <b>Blaž Vene, Matjaž Podjavoršek</b> Slovenian Nuclear Safety Administration Foreign Operating Experiences System</p> <p>S4-146 <b>Sanja Kukmanović</b> Building Relationship with the Local Community</p>
<b>11:00-11:30</b>	<b>Coffee Break</b>
<b>11:30-12:00</b>	<p style="text-align: center;"><b>Regulatory Practice and Emergency Preparedness (RPEP) (cont)</b></p>
	<p>S4-157 <b>Sung-yeop Kim, Sunghyun Park</b> Technical Status of EPZ Evaluation for SMRs in Korea</p>
<b>12:00-13:00</b>	<p style="text-align: center;"><b>Severe Accident Analyses and Risk Assessment (SAARA)</b></p> <p style="text-align: center;">Chairs:</p> <p style="text-align: center;">Ivica Bašić (APOSS, Croatia), Reni Banov (Zagreb University of Applied Sciences, Croatia)</p>
	<p>S6-119 <b>Chul-Kyu Lim, Sung-Hyun Park</b> Risk-Informed SSC Categorization for an Innovative SMR under NEI 00-04 (10 CFR 50.69)</p> <p>S6-149 <b>Uroš Škoflek, Dane Lovelace, Ivan Vrbanić, Ivica Bašić</b> Detailed Circuit Analyse for Fire Probabilistic Risk Assessment (NUREG/CR-6850, EPRI 1011989)</p> <p>S6-181 <b>Vedat Cagdavul, Hector Lopez, Domenico De Luca</b> Verification and Validation of GOTHIC 8.5(QA) with Severe Accident Containment Experiments</p>

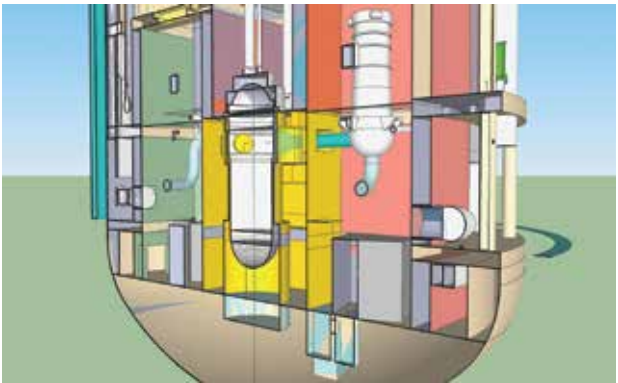
	<p>S6-188 <b>Omar Chaaraoui, Domenico De Luca, Ivan Urbanić, Ivica Bašić, Brian Curtt, Vitor Medeiros, Alvaro Caldas</b> Determining LOCA Initiator Categories for a PSA of a New Reactor Design</p>
<b>13:00-14:00</b>	<b>Lunch Break</b>
<b>14:00-16:00</b>	<p><b>Radioactive Waste Management and Decommissioning, Radiation Hazard and Protection (RWMD)</b></p> <p><b>Chairs:</b> <b>Josip Lebegner (Fund for Financing the Decommissioning of the Krško NPP, Croatia), Sandi Viršek (ARAO, Slovenia)</b></p>
	<p>S7-128 <b>Frantisek Huptych, Filip Randak</b> Selection of the Final and Backup Sites for the Czech Deep Geological Repository Including Radioactive Waste Disposal</p> <p>S7-130 <b>Jaehun Lee, Sia Hwang, Hee Reyoung Kim</b> The Study on the Solidification of Radioactive Zeolite Waste Using Alkaline Active Agents for Final Disposal</p> <p>S7-135 <b>Miha Ašič, Sandi Viršek</b> Construction Progress and Technical Overview of the Vrbina LILW Disposal Facility near Krško, Slovenia</p> <p>S7-174 <b>Mirta Čanak, Andrea Rapić, Josip Lebegner, Leon Kegel, Sandi Viršek, Ozren Larva, Marko Špelić, Marko Budić, Tomislav Kurečić, Josipa Maslač Soldo</b> RD&amp;D Program for joint SNF and HLW Disposal in Deep Geological Repository in Republic of Croatia or in Republic of Slovenia</p> <p>S7-180 <b>Sven Nothvogel, Céline Boulet, Wolfgang Schuch, Klaus Büttner, Thomas Fishedick, Robert Lehr</b> Results from Waste ERASER: Testing the Complete Treatment Process from Chemical Decomposition to Final Conditioned Waste Package</p> <p>S7-195 <b>Aljaž Petančič, Violeta Čalić</b> NEK's LILRW Management and Handover Preparations for 2028–2030</p>
<b>16:00-16:30</b>	<b>Coffee Break</b>
<b>16:30-17:00</b>	<p><b>Conference Closing</b></p> <p><b>Siniša Šadek, Ivica Bašić, Mario Matijević (Croatian Nuclear Society)</b></p>

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