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| Time        | <b>Wednesday 27. August</b>  |
|             | Location: Weidemann  |
| 10:00-11:00 | <i>Nordic Board meeting</i>  |
| 11:00-12:00 | Registration opens   |
| 12:00-13:00 | Lunch/check-in   |
| 13:00-13:15 | <b>Opening Ceremony</b><br><b>Moderator: Tore Ramsøy</b>   |
|             | Welcome on behalf of NSFS (Tore Ramsøy)<br><br>Welcome speech (Kristin Frogg, DSA)                         |
| 13:15-13:45 | J1-1 Nuclear preparedness in Norway (Kjetil Longva, DSA)   |
| 13:45-14:15 | Bo Lindell Prize Award and Talk  |
| 14:15-14:30 | Coffee break/check-in  |
| 14:30-15:00 | <b>J1: Joint Sessions</b><br><b>Moderator: Naeem Ul Syed</b>   |
|             | J1-2 Invited talk:<br>Nordic cooperation and clinical trials in proton therapy (Einar Dale)                |
| 15:00-15:30 | J1-3 Invited talk:<br>Exposure from wireless transmitters – is there cause for concern? (Lars Klæboe, DSA) |
| 15:30-16:00 | J1-4 Invited talk:<br>Nucleosynthesis - The formation and origin of elements (Svein Nørvik)                |
| 16:00-16:30 | J1-5 Participation in and Nordic influences on ICRP (Jack Valentin)  |
| 17:30       | Transport to Skibladner departs from hotel   |
| 18:00-21:00 | Skibladner cruise  |
| 21:30       | Return to hotel  |

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|               | Thursday 28. August   |  |
|               | Location: Weidemann   | Location: Birkebeiner  |
| 08:30- 09:00  | L1: Decommissioning<br>Moderator: Jukka Liukkonen   | M1: Emergency preparedness, Accidental exposure & Waste management<br>Moderator: Christian Bernhardsson  |
|               | L1-1 Sharing the Learnings: International Cooperation in Decommissioning (Jonas Nikolaisen og Ingeborg Mork-Knutsen)  | M1-1 Invited talk:<br>Emergency preparedness in SMRs (Jukka Kupila)  |
| 09:00-09:15   | L1-2 Enhancing radiological impact assessments to better support reaching a consensus on their sufficiency among stakeholders (Ari Ikonen)                            | M1-2 Adapted approaches for the control of radioactive contamination in medical emergency situations occurring in a radiologically controlled area at a Nuclear Power Plant (Sara Ahlgren) |
| 09:15-09:30   | L1-3 Removal of the Co-60 sources from the gamma irradiation facility at IFE NUK Kjeller: A pre-decommissioning activity (Maria Due-Hansen)                           | M1-3 A national model for thyroid measurements in Sweden, following a nuclear power plant accident (Mats Isaksson)   |
| 09:30- 09:45  | L1-4 Downblending of Norways Highly Enriched Uranium (Tore Ramsøy)  | M1-4 Legal Framework and Practice: Clearance of remediation materials in Austria (Viktoria Herzner)  |
| 09:45- 10:00  | L1-5 Decommissioning of a RADON-type radioactive waste storage facility in Tammiku, Estonia (Siiri Salupere)  | M1-5 An AI, and Digital Twin-Inspired Approach to Modern Radiation Protection (Niels-Kristian Mark)  |
| 10:00- 10:30  | Poster walk and Coffee break  |  |
| 10:30-10:45   | L2: Decommissioning<br>Moderator: Sidse Lærke Lolk  | M2: Emergency preparedness & Accidental exposure<br>Moderator: Henrik Öberg  |
|               | L2-1 Depletion and activation analysis of the JEEP-I reactor using SCALE (Tony Skovli)  | M2-1 Recommendations for Thyroid Follow-up after a Radionuclear Event (Joachim Nilsson)  |
| 10:45-11:00   | L2-2 A plan for decommissioning of a medical cyclotron vault (Ingunn Løvik)   | M2-2 Empowering Radiological Triage with Pocket-Sized Gamma Spectrometry: A Low-Cost Approach Using Untrained Staff (Sigurdur Emil Palsson)  |
| 11:00-11:15   | L2-3 Localization and depth determination of radioactive contamination inside a decommissioning NPPs (Viktor Lehmann)   | M2-3 Engaging with the public through citizen science using individual dosimeters of household salt (Christian Bernhardsson)   |
| 11:15-11:40   | L2-4 A Decommissioning plan for a proton therapy facility (Kristin Ramberg)   | M2-4 Lead the Way: Challenges With Implementeing New Lead Shielding Recommendations (Olivia Hjertø)  |
| 11:40-12:30   | Lunch   |  |
| 12:30-13:00   | L3: NORM including Radon<br>Moderator: Audun Sanderud   | M3: Pregnant worker and radiation protection<br>Moderator: Evabeth R. Bruvoll  |
|               | L3-1 Radon Management in the Nordic countries (Ingvild Finne, DSA)  | M3-1 Invited talk:<br>New methods and new tools for measuring dose to personel (Erlend Andersen)   |
| 13:00-13:15   | L3-2 Enhancing radon testing and mitigation levels in Norway: Insights from social science studies (Yevgeniya Tomkiv)   | Workshop:<br>Radiation protection for pregnant workers in healthcare (Tanja Holter, Kari Helland og Karolina Berg)   |
| 13:15-13:30   | L3-3 Mobility of uranium at an alum shale legacy site in Norway (Mila Pelkonen)   |  |
| 13:30-13:45   | L3-4 Estonian nation-wide survey on indoor air radon in dwellings (Siiri Salupere)  |  |
| 13:45-14:00   | L3-5 Evaluation of the efficiency of thoron adsorption by three zeolites using alpha and gamma spectrometry (Misbah Javed)  |  |
| 14:00-14:15   | Coffee break  |  |
| 14:15-14:30   | L4: Environmental radiology and monitoring<br>Moderator: Marte V. Holmstrand  | M4: Radiation Protection in Medicine, Research and Industry<br>Moderator: Ingunn Løvik   |
|               | L4-1 The fate of I-131 when released to the environment through authorized medical discharges in the North of Norway (Justin Gwynn, DSA)                              | M4-1 Shaping the future for improved quality and safety in the medical use of ionizing radiation: PrISMA, a preparatory Joint Action (Trude Dahl Jørgensen, DSA)                           |
| 14:30-14:45   | L4-2 A quantitative comparison of two software packages used for the analysis of gamma spectroscopy applied to environmental monitoring (Henrik Öberg)                |  |
| 14:45.15:00   | L4-3 Investigating the metal distribution in algae used as bioindicators for the environmental monitoring of Swedish nuclear power plants (Guillaume Pedehontaa-Hiaa) | Round Table  |
| 15:00-16:30   | NSFS General Assembly   |  |
| 16:30-17:00   | Meeting of new nordic board   |  |
| 18:30-19:30   | Young Scientist: Mingling   |  |
| 19:30 - 24:00 | Conference dinner and social gathering, Scandic Lillehammer Hotel   |  |

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|             | <b>Friday 29. August</b><br>Location: Weidemann  |
|             | <b>Education, competence and certification of professionals working in radiation protection</b><br><b>Moderator: Ingeborg A. Mork-Knutsen (DSA)</b>  |
| 08:30-10:00 | <p style="text-align: center;"><b>Panel debate: Competence and challenges in radiation protection</b></p> <p>Key points for the debate:</p> <ul style="list-style-type: none"> <li>• Certification of radiation protection officer/expert</li> <li>• When is the certification good enough?</li> <li>• What kind of training is good enough?</li> <li>• Recruitment of employees with radiation protection expertise can be a challenge</li> </ul> <p>Representatives from regulators, educational institutions and industry are invited to give an introduction and participate in the debate.</p> <p>Participants in the panel:</p> <ul style="list-style-type: none"> <li>• Audun Sanderud, Technical Lead Characterization and Radiation Protection, Norsk nukleær dekommisjonering (NND)</li> <li>• Jukka Liukkonen, Senior physicist PhD, Radiation and Nuclear Safety Authority (STUK)</li> <li>• Paula Nuñez, Group Lead Radiation Protection, Institute for Energy Technology (IFE)</li> <li>• Naeem Ul Syed, Senior Advisor, R&amp;D Section, Norwegian Radiation and Nuclear Safety Authority (DSA)</li> <li>• Klara I. Björk, Senior scientific Secretary, Swedish Radiation Protection Authority (SSM)</li> </ul> |
| 10:00-10:15 | Coffee break and poster walk   |
| 10:15-10:45 | <b>J2: Joint Sessions</b><br><b>Moderator: Eva Forssell-Aronsson</b>   |
|             | J2-1 Norway's involvement in the 'PREDICT' project (Justin Brown, DSA)   |
| 10:45-11:15 | J2-2 Invited talk:<br>Assessing the Carcinogenic Risks of Extremely Low Frequency Magnetic Fields: Cohort Studies on Residential Exposure and Cancer Incidence (Jonne Naarala)   |
| 11:15-11:30 | <b>Young Scientist and future of radiation protection</b><br>J2-3 Review of worker contamination at IFE 1998-2024 (Kevin Cappa)  |
| 11:30-11:45 | J2-4 Thyroid Response to low-to-intermediate-dose <sup>131</sup> I exposure. Impact of age at exposure on gene expression (Anja Schroff)   |
| 11:30-11:45 | Young scientist award  |
| 11:45-12:00 | <b>Closing ceremony and Presentation of next conference</b>  |
| 12:00-13:00 | Lunch  |