

Summary Report from the NKS Board Meeting, Copenhagen, January 17, 2024

Call for Proposals 2024

NKS would like to thank all the applicants for proposals submitted to the NKS-R and NKS-B Call for Proposals 2024. The successful proposals are listed below.

NKS-R Budget Decisions for 2024

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Severe accidents	CURES	Cable degradation Under Radiation and the Effect on Source term	Christian Ekberg, Chalmers	280
Plant Life Management and Extension	FEMMA	FEMMA 2024 Dissimilar Metal Welds Aging studies	Zaiqing Que, VTT	488
Organization and safety culture	INSOLE	Internal nuclear safety oversight as part of organizational defence-in-depth – Lessons learned for the Nordic nuclear industry	Kaupo Viitanen, VTT	585
Risk analysis	NORDIC-Smart	Evaluating Seismic Hazard in the Nordic Countries in the Context of SMRs: Streamlining Approaches for Assessing Earthquake Sources and Activity Rates	Ludovic Fülöp, VTT	537
Thermal hydraulics	PAS-SMR	Passive safety system performance of SMRs	Ari Silde, VTT	488
Decommissioning and management of nuclear waste and spent fuel	POSEIDON	Position-sensitive detectors for gamma ray imaging	Peter Dendooven, U. Helsinki	449

Plant Life Management and Extension	REPOUSSES	Reactor Presseure Vessel LTO Assessment	Pål Efsing, KTH	250
Source Term and Timing Uncertainty in Severe accidents	STATUS	Source Term and Timing Uncertainty in Severe accidents	Sergey Galushin, Vysus Sweden	300
IN TOTAL				3377

NKS-B Budget Decisions for 2024

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Emergency Preparedness	DISARM	Dispersion of radioactivity from nuclear bombs	Jens Havskov Sørensen, DMI	570
Measurement Strategy, technology, QA	RADWORKSHOP	Workshop on Radioanalytical Chemistry for Environmental Monitoring, Nuclear Decommissioning, Emergency Preparedness, Radioecology and Tracer Studies	Jixin Qiao, DTU	435
Emergency Preparedness	REALMORC	Development and testing of frequency analysis methods in mobile gamma spectrometry to locate lost gamma-ray sources in real environs	Christopher Rääf, Lund U.	509
Measurement Strategy, technology, QA	SAMLOC	Symmetrical Array Methodology for Gamma Source Localization: Technology Transfer Workshop and Field Event	Mark Dowdall, DSA	499.6
Measurement Strategy, technology, QA	MONI	Intercomparison exercise on ⁹⁹ Mo and ⁵⁹ Ni in activated steel	Anumaija Leskinen, VTT	255
Emergency Preparedness	MAREPR	Maritime Nuclear Emergency Preparedness and Response - Tools and Monitoring	Inger Margrethe Eikermann, DSA	430
Emergency Preparedness	THREATSEM	Threat and Hazard Assessment Seminar 2024	Øyvind Gjølme Selnæs, DSA	320
IN TOTAL				3018

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