

Presentations from Joint NKS-R and NKS-B seminar 15-16 January are now available

NKS would like to thank all the presenters and participants for their contributions to last week's seminar in Stockholm entitled 'Nordic Nuclear and Radiation Risk Estimates - Advances and Uncertainties'. Pdf versions of all presentation slides are now available at www.nks.org.

Summary Report from the NKS Board Meeting in Stockholm, January 17, 2019

Call for Proposals 2019

NKS would like to thank all the applicants for proposals submitted to the NKS-R and NKS-B Call for Proposals 2019. The NKS board was impressed by the quality of the proposals received for funding under the NKS-R and NKS-B programmes. The successful proposals are listed below.

NKS-R Budget Decisions for 2019

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Plant Life Management and Extension	BREDA-RPV	Barsebäck RPV trepan studies	Pål Efsing, KTH	471
Severe Accidents	SPARC	Scenarios and Phenomena Affecting Risk of Containment Failure and Release Characteristics	Weimin Ma, KTH	565
Decommissioning and management of nuclear waste and spent fuel	COCOS	Corrosion of copper in sulphide containing environment: the role and properties of sulphide films	Elisa Isotahdon, VTT	565
Risk analysis & probabilistic methods	PROSAFE	Prolonged time windows and safe states	Jan-Erik Holmberg, Risk Pilot - Finland	471
Severe accidents	TETRA	Tellurium transport in the primary circuit of nuclear power plant	Christian Ekberg, CTH	525

Thermal hydraulics	THEOS	Thermal hydraulics of the suppression pool	Pavel Kudinov, KTH	565
IN TOTAL				3162

NKS-B Budget Decisions for 2019

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Emergency Preparedness	OPTIMETHOD	Optimization of analytical methods for simultaneous determination of important alpha emitting radionuclides in nuclear and environmental samples	Xiaolin Hou, DTU	473
Emergency Preparedness	SHIELDMORC	Detection distances and methods to locate orphan gamma radiation sources in shielded building geometries by mobile gamma spectrometry	Christopher Rääf, Lund U.	335
Measurement Strategy, technology, QA	DTM-DECOM	Intercomparison exercise in analysis of DTM in decommissioning waste	Anumaija Leskinen, VTT	430
Measurement Strategy, technology, QA	ICP-BIODEC	Application of inductively coupled plasma mass spectrometry to long-lived actinides measurements in biological and nuclear decommissioning samples	Jixin Qiao, DTU	392
Radioecology	NANOD	Natural radioactivity in the Nordic diet	Mari Komperød, NRPA	229
Emergency Preparedness	SLIM	Source localisation by inverse methods	Jens Havskov Sørensen, DMI	473
Emergency Preparedness	ECONORMS	Radioecological transfer factors for Nordic subpopulations for assessment of internal committed dose from atmospheric fallout of radiocaesium	Mats Isaksson, Göteborg U.	430

Measurement Strategy, technology, QA	RINFOR	Development of a resource for the improvement of national nuclear forensics gamma spectrometric core capabilities	Mark Dowdall, NRPA	478
IN TOTAL				3240