

Summary Report from the NKS Board Meeting in Oslo, January 17-18, 2017

Change of Programme Manager for the NKS-R Programme

NKS expressed its sincere thanks to Emma Palm for all her work, enthusiasm and cooperation as the NKS-R Programme Manager over the latest year and NKS would like to wish Emma good luck and every success in her career in the years ahead.

NKS warmly welcomes Christian Linde from the Swedish Radiation Safety Authority (SSM) as the new NKS-R Programme Manager. Christian has been employed by SSM since 2013 where he mainly works as an analyst of severe accidents and leads and coordinates international projects. Christian holds a PhD in chemistry / organic chemistry from KTH.

For all issues concerning the NKS-R programme please contact Christian at (christian.linde@ssm.se).

Call for Proposals 2017

NKS would like to thank all the applicants for proposals submitted to the NKS-R and NKS-B Call for Proposals 2017. The NKS board was impressed by the number and 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 2017

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Decommissioning	NORDEC	Challenges and opportunities for improving Nordic nuclear decommissioning	István Szóke, IFE	524
Organisation & Safety Culture	SC_AIM	Safety culture assurance and improvement methods in complex projects	Kaupo Viitanen, VTT	279
Plant Life Management and Extension	WRANC	Validation of the relevance of the main mechanisms behind Warm Pre-Stressing in assessment of nuclear components	Tobias Bolinder, Inspecta	393
Reactor Physics	HYBRID	Development of hybrid neutron transport methods and data visualisation tools	Christophe Demazière, CTH	493
Risk Analysis	FIREBAN	Determination of fire barrier's reliability for fire risk assessment in NPP	Patrick van Hees, LU	393

Severe Accidents	SPARC	Scenarios and phenomena affecting risk of containment failure and release characteristics	Pavel Kudinov, KTH	524
Thermal Hydraulics	COPSAR	Containment pressure suppression systems analysis for boiling water reactors	Markku Puustinen, LUT	493
IN TOTAL				3100

NKS-B Budget Decisions for 2017

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Emergency Preparedness	EPHSOGAM	Early phase source term estimation from gamma spectra	Mark Dowdall, NRPA	381
Emergency Preparedness	AUTOMORC	Improvement of automatic methods for identification of radioactive material out of regulatory control (MORC) by mobile gamma spectrometric search	Christopher L. Rääf, Lund University	452
Measurement Strategy, technology, QA	GAMMASPEC	Seminar for users of gamma spectrometry	Sven P. Nielsen, DTU	381
Measurement Strategy, technology, QA	NORDIC ICP	Nordic development and exploration of inductively coupled plasma spectrometry	Jixin Qiao, DTU	272
Measurement Strategy, technology, QA	CAMNAR	Comparison of the analytical methods used to determine natural and artificial radionuclides from environmental samples by gamma, alpha and beta spectrometry	Pia Vesterbacka, STUK	363
Emergency Preparedness	NEXUS	Nordic exercise for unmanned systems	Magnus Gårdestig, Linköping University	390
Emergency Preparedness	AVESOME	Added value of uncertainty estimates of source term and meteorology	Jens Havskov Sørensen, DMI	435
Emergency Preparedness	RADSHIELD	Activity estimation of shielded or hidden radionuclides in emergency conditions	Henrik Ramebäck, FOI	426
IN TOTAL				3100