

Summary Report from the NKS Board Meeting in Oslo, January 11, 2012

Change of Programme Manager for the NKS-B Programme

NKS expressed its sincere thanks to Justin Gwynn for all his work, enthusiasm and cooperation as the NKS-B Programme Manager over the last 4 years and NKS would like to wish Justin good luck and every success in his career in the years ahead.

NKS warmly welcomes Kasper Andersson from Risø-DTU, Denmark as the new NKS-B Programme Manager. Kasper did his PhD work in the Health Physics Department at Risø National Laboratory, and was a Postdoctoral Fellow at the University of Reading before returning to Risø in the early 1990's. Here he has been engaged as a senior scientist with emergency preparedness and radioecology related projects, with particular emphasis on inhabited areas, but also on agriculture and forests. He has over the years worked on numerous projects and tasks supported by, e.g., EU, IAEA, the Danish Government, and NKS. He has been an important supplier of methodologies and parameters for dose calculation in the European standard decision support systems ARGOS and RODOS and is a member of the management board of the European NERIS emergency management platform. He is the author or co-author of more than 100 international scientific publications.

For all issues concerning the NKS-B programme please contact Kasper at kgan@risoe.dtu.dk (Tel. +45 4677 4173).

Call for Proposals 2012

NKS would like to thank all the applicants for proposals submitted to the NKS-R and NKS-B Call for Proposals 2012. 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 2012

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Severe accidents	AIAS	Ad-/absorption and desorption/revaporisation behaviour of iodine aerosols on containment surface materials	Christian Ekberg, Chalmers University of Technology	500
Severe accidents	DECOSE	Debris coolability and steam explosion	Pavel Kudinov, Kungliga Tekniska Högskolan	500
Risk analysis	DIGREL	Guidelines for reliability analysis of digital systems in PSA context	Jan-Erik Holmberg, VTT	300
Thermal hydraulics	ENPOOL	Experimental and numerical studies on suppression pool issues	Timo Pättikangas, VTT	590
Organisation and safety culture	MoReMO	Modelling resilience for maintenance and outage	Maren H. Rø Eitheim, IFE	500
Plant life management and	Nordic-Gen4	Nordic Nuclear Forum for Generation IV Reactors	Rudi Van Nieuwenhove, IFE	250

extension Thermal hydraulics	POOLFIRE	Predictive analysis of pool fires in enclosures by means of CFD models for risk assessment of nuclear power plants	Patrick Van Hees, Lund University	360
Severe accidents (cross-over activity NKS-R and NKS-B)	RASTEP	Using Bayesian Belief Network Modelling for Rapid Source Term Prediction after a Severe Accident	Michael Knochenhauer, Scandpower AB	200
Organisation and safety culture	SADE	Safety culture in design and implementation of technological and organisational solutions – improving resilience of the sociotechnical system throughout the life-cycle	Teemu Reiman, VTT	500
IN TOTAL				3700

NKS-B Budget Decisions for 2012

The following activities have been awarded funding.

Activity Type	Activity Name	Activity Topic	Activity Leader	Funding (kDKK)
Emergency Preparedness	GASMAT	Gamma spectrometric discrimination of special nuclear materials	Mark Dowdall, NRPA	350
Emergency Preparedness	MUD	Meteorological uncertainty of atmospheric dispersion model results	Jens Sørensen, DMI	300
Emergency Preparedness	NordEx12	Nordic Exercises 2012	Sigurður Emil Pálsson, IRSA	420
Emergency Preparedness	PUBPLUME	Communicating Dispersion Modelling Results to the Public.	Jan Erik Dyve, NRPA	150
Emergency Preparedness	THYROID	Assessment of accidental uptake of radioiodine in emergency situations - proficiency test and evaluation of the regional capabilities	Lilián del Risco Norrlid, SSM	280
Emergency Preparedness	RASTEP	Using Bayesian Belief Network Modelling for Rapid Source Term Prediction after a Severe Accident	Michael Knochenhauer, Scandpower AB	200
Measurement Strategy, technology, QA	GammaWorkshops2012	Nordic workshops for users of gamma spectrometry.	Elisabeth Strålberg, IFE	360
Measurement Strategy, technology, QA	MOMS	Mobile measurement, calibration and strategy	Johannes Nilssen, NRPA	500
Radioecological Assessments	BERMUDA	Doses from natural radioactivity in wild mushrooms and berries to the Nordic population	Tuukka Turtiainen, STUK	250
Radioecological Assessments	COSEMA	Consequences of severe radioactive releases to Nordic marine	Vesa Suolanen, VTT	510

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