

**NKS seminar**  
**12<sup>th</sup>-13<sup>th</sup> January 2016**

Promotion of NKS (“A successful seminar is one of the best ways of disseminating information about the work NKS does and the results it achieves” quote from the Administrative Handbook)

1. Ideas on new Nordic research topics (if high ranked speakers give their view on important fields for future research, this can give new ideas for NKS proposals)
2. Share results from recent NKS research
3. Networking – Between colleagues working in the same field and also between R and B people.

# Title, venue and key note speakers

*“Nordic perspectives of Fukushima: Where are we now and where do we go?”*

12<sup>th</sup>-13<sup>th</sup> of January 2016 at Vattenfall, Solna

Confirmed key note speakers:

- Gustavo Caruso
- Ted Lazo
- Chris Clement

Suggestion for additional key note speaker:

- Petteri Tippi

- Length of presentations should be typically 15 min. The session chair should ask one (or a few) question to the speaker immediately after the presentation. At the end of the session, 15 min are reserved for questions from the audience.
- Each session typically starts with an invited speaker (e.g. Florian Gering, Juhani Hyvärinen, etc) followed by activity specific presentations. The aim is that about 50 % of the on-going NKS activities should be presented at the seminar. The activity presentations should be appropriate for the audience.

- **Key note: Gustavo Caruso**  
*IAEA report into the seminar context*
- **Risk and preparedness**  
How are the results of risk assessment (NKS-R related) connected to emergency preparedness (NKS-B related)? E.g. Florian Gering followed by activity specific presentations of e.g. L3PSA, NORCON, EFMARE, MUD.
- **Which is our tsunami?**  
Defense-in-depth strengths and deficiencies. E.g. Juhani Hyvärinen followed by presentations of ADdGROUND and MODIG.
- **Hope for the best and prepare for the worst**  
Flaggboken (OIL's etc.), Update of the emergency preparedness planning zones in Sweden (SSM), countermeasures – lessons learned from Fukushima. EMSEM, NORCON

- ***Key note: Petteri Tiippana***

Presentation on Nordic progress after Fukushima. Effect of Fukushima on new guidelines and newbuilds.

- **Nordic progress after Fukushima**

Improvements at the Nordic NPPs due to Fukushima. Examples from different licensees. Maybe someone from SSM or the industry presenting implementations at NPP:s followed by presentation of the NKS activity DECOSE

- **Measuring the right things**

Needs for tactical operational guidance, including training. Relation to OIL's, area mapping, measurements for different time phases and objects, measurements for intervention optimisation. MOMS, THYROID, NOVE, MOBELRAD, RAPID-TECH, SEMUNARS

Day 2, 13<sup>th</sup> of January, 13:00 – 16:00

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- *Key note speakers: Chris Clement and Ted Lazo*

- **Deal with it**

Health (radiation related+other), economical and environmental consequences. Communication with the public: Timely, correct and understandable information. Effects of Fukushima - are there any?

- **Learning by accident**

Evolution of safety culture thinking TMI – Chernobyl – Fukushima followed by a presentation of the NKS activity LESUN

- *Summarising words of seminar*

Senior Nordic persons summarises the seminar and highlight topics for future research (one from R (e.g. Tarja, Jorma or Petteri) and one from B (e.g. Jack Valentin))

## Fee:

- A fee of 1000 SEK is suggested. To make sure that those who register actually shows up. Important since we have a limit of 100 participants.

## Dates:

- Dead line for preliminary program: 30<sup>th</sup> September
- Opening of registration: 7<sup>th</sup> September
- Dead line for registration: 15<sup>th</sup> December

## Others:

- Energiforsk are also planning a Fukushima seminar in January.