

International Conference
“NUCLEAR POWER – CHALLENGES FOR THE ENVIRONMENT, HEALTH, ECONOMY AND
LEGISLATION”
Program

Vilnius, 6-8 December, 2011

6 December 2011 (Seimas of Lithuania, Gedimino pr. 53)

- 11.00 – 12.00 Briefing for journalists.
- 11.00 – 12.00 Registration.
- 12.00 – 12.10 Opening.
- 12.10 – 14.00 **Nuclear industry: general situation, trends and problems.**
Jan Haverkamp, Ir (Czech Republic), The Nuclear Age is closing – the question is how fast?
Linas Vainius (Lithuania), A critical view of the nuclear renaissance in Baltic countries, Belarus and Kaliningrad region.
Miles Goldstick, PhD (Sweden), Uranium Mining – The Front End of the Nuclear Fuel Chain.
Jehki Harkonen, (Finland), Nuclear industry in Finland.
Georgy Lepin, Prof. Dr (Belarus), About the problems of Nuclear energy.
- 13.30 – 14.00 Panel discussion with the above speakers and Alexey Yablokov, Prof. Dr (Russia),
Georgy Lepin, Prof. Dr (Belarus).
- 14.00 – 15.00 Lunch.
- 15.00 – 17.00 **Nuclear waste – the problem of its management and recycling.**
Nils-Axel Mörner, Assoc. Prof. PhD (Sweden), Collapsing methods of handling the nuclear waste.
Johan Swahn, PhD (Sweden), skype-translation Problems with final disposal of spent nuclear fuel in Sweden: Implications for new-build plans.
Falk Beyer (Germany), Nuclear Waste Disposal Disaster in Germany.
Stasys Motiejunas, Dr (Lithuania), Nuclear waste management in Lithuania.
Georgy Lepin, Prof. Dr (Belarus), Nuclear waste problem of Chernobyl.
- 16.30 – 17.00 Panel discussion with the speakers.

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- 09.30 – 13.00 **Effect of radiation on human health and the environment.**
Alexey Yablokov, Prof. Dr (Russia), Effects of radiation emissions of by NPP.
Alfred Körblein, Dr (Germany), Childhood cancer near nuclear power plants.
Christopher Busby, Prof. Dr (United Kingdom), Proofs of the accuracy of the Radiobiological Health Model of the European Committee on Radiation Risk: its

- application to Chernobyl effects in Sweden and Uranium effects in Iraq and the implications for Fukushima.
- 11.30 – 12.00 Coffee-break.
- 12.00 – 13.00 Panel discussion with the speakers.
- 13.00 – 14.00 Lunch.
- 14.00 – 15.40 **Cost-effectiveness of nuclear power.**
Jurgis Vilemas, Prof. Dr (Lithuania), Question of economic feasibility of Visaginas NPP.
Leonid Andreev, PhD (Norway),
Eva Goes (Sweden).
- 15.40 – 16.00 Coffee-break.
- 16.00 – 18.00 Panel Discussion: **“Nuclear power, international law, human rights. Overview of the problems of execution of international environmental conventions (Aarhus and Espoo) and human rights while implementing the projects of nuclear power plants”**. Speakers: Elena Tonkacheva (Belarus), Saulius Piksrys (Lithuania), Tatyana Novikova (Belarus), Alexei Kozlov, Assistant Prof., Dr. (Russia). Discussion with the speakers and Nikolai Ulasevich (Belarus), Mihail Kostiaev (Russia), Olga Zaharova (Aarhus Centre, Belarus).

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- 10.00 – 12.00 Panel Discussion: **“The new NPPs in Baltic Region: Ostrovets, Visaginas NPP and Baltic NPP– threats and risks”**.
Linus Vainius (Lithuania), Visaginas nuclear power plant. Critical remarks.
Tatyana Novikova (Belarus), Ostrovets and Visaginas NPP. Potential double effect to the environment of Narochano-Vileyka Lakeland. Other risks of the projects and their combined effects.
Alexandra Koroliova (Russia), Baltic NPP: critical comments related to its economic feasibility, safety and reliability.
Discussion with the above speakers and Georgy Lepin, Prof. Dr (Belarus).
- 12.00 – 12.20 Coffee-break.
- 12.20 – 13.00 Closing session. Resolution presentation.
- 13.00 – 14.00 Briefing for journalists.
- 13.00 - 14.30 Lunch.
- 14.30 - 15.30 Presentation of the Russian language book “Utilization of nuclear waste in EU” by **Alexey Kozlov** Assistant Prof., Dr. (Russia)
- 15.30 – 16.00 Presentation of the Russian language book “Myth of Nuclear Power. Second Edition.” by **Tatyana Novikova** (Belarus). Presentation of the Russian language periodical “Peaceful atom” by **Oleg Novikov** (Belarus).
- 16.00 – 17.00 Campaign presentation. International campaign “For a nuclear free region!”.