



**THE NORWEGIAN ACADEMY OF SCIENCE AND LETTERS ANNOUNCES
A 150TH ANNIVERSARY SYMPOSIUM IN COOPERATION WITH THE
NORWEGIAN POLYTECHNIC SOCIETY**

NUCLEAR RISKS - SAFETY AND SECURITY

**TO BE HELD ON SEPTEMBER 20 AND 21
AT THE ACADEMY, DRAMMENSVEIEN 78, OSLO**



PROGRAM **THURSDAY, SEPTEMBER 20**
at the Academy, Drammensveien 78, Oslo

09:30 **Registration and refreshment**

SESSION 1 **INTERNATIONAL PERSPECTIVES** Chair: Brit Salbu

10:00 – 10:10 **Welcome**
Professor Ole Didrik Lærum, Vice President of the Norwegian Academy of Science and Letters

10:10 – 10:50 **Nuclear events in the past,**
Secretary General Malcolm Crick, UNSCEAR

10:50 – 11:30 **Consequences of the Chernobyl accident based on Chernobyl Forum (IAEA, WHO, FAO etc.) and UNSCEAR material.**
Professor Mikhail Balonov, Institute of Radiation Hygiene, St. Petersburg, Russian Federation, Head of the Forum Assessment Group

11:30 – 12:00 **NATO priorities**
Director Chris De Wispelaere, Science for Peace Programme, NATO

12:00 – 12:30 **Questions and discussions**

12:30 – 13:30 **Lunch**

SESSION 2 **NORDIC PERSPECTIVES** Chair: Kjell Bendiksen

13:30 – 14:00 **Managing radioactive waste safely in the UK**
Dr Elizabeth Atherton, Nuclear Decommissioning Authority, UK

14:00 – 14:30 **Radioactive contamination of the Arctic**
Secretary General Lars Otto Reiersen, Arctic Monitoring and Assessment Programme (AMAP)

14:30 – 14:50 **Nuclear risks in the Arctic**
Professor Brit Salbu, Norwegian University of Life Sciences (UMB)

14:50 – 15:10 **Emergency preparedness – handling future nuclear events**
Director General Ole Harbitz, Norwegian Radiation Protection Authority (NRPA)

15:10 – 15:30 **Security aspects influencing nuclear risks in the Arctic**
Special Advisor Sverre Lodgaard, The Norwegian Institute of International Affairs (NUPI)

15:30 – 16:15 **Round Table Discussion:**
Nuclear risk of importance for the Arctic Areas

PLENARY MEETING at Gamle festsal, Oslo University

16:30 – 17:00 **Registration and refreshments**
Chair: Sverre Lodgaard

17:00 – 17:10 **Opening**
Professor Ole Didrik Lærum, Vice President of the Norwegian Academy of Science and Letters

17:10 – 18:30 **Risks from Nuclear Sources in the 21st century**
Dr. Hans Blix, former director of IAEA and chairman of the WMD commission

PROGRAM

FRIDAY, SEPTEMBER 21
at the Academy, Drammensveien 78, Oslo

SESSION 3 INTERNATIONAL PERSPECTIVES ON NUCLEAR ENERGY Chair: Jan S. Vaagen

09:00 – 09:10	Welcome Professor Sissel Rogne, President of the Norwegian Polytechnic Society
09:10 – 09:30	Opening State secretary Liv Monica Stubholt, Ministry of Foreign Affairs, Norway
09:30 – 10:00	Future Energy Supply – Nuclear Power in a Climate Perspective Director Kjell Bendiksen, Institute for Energy Technology, Norway
10:00 – 10:30	Nuclear Energy, - The Finnish Situation and Position. Professor Rainer Salomaa, Helsinki University of Technology
10:30 – 11:00	Coffee
11:00 – 11:30	4th Generation Nuclear Power Plants – Advantages and Limitations Chairman Jacques Bouchard 4. generation nuclear power plants (GIF) in Europe
11:30 – 11:50	From Waste to Value – Accelerator-based Inherently Safe Nuclear Power Dr. Yachine Kadi, Nuclear Scientist CERN
11:50 – 12:10	Thorium as an Alternative Future Nuclear Fuel Professor Egil Lillestøl, University of Bergen and CERN
12:10-13:00	Lunch

SESSION 4 NORWEGIAN PERSPECTIVES OF NUCLEAR ENERGY Chair: Reidun Sirevåg

13:00 – 13:20	The Occurrence of Thorium Minerals in Norway Professor Arne Bjørlykke, Norwegian Geological Surveys (NGU)
13:20 – 13:40	Radiation Protection Aspects Director Per Strand, Norwegian Radiation Protection Authority (NRPA)
13:40 – 14:00	Possible Industrialization of Norwegian Thorium Resources? Director Svein Sundsbø, Federation of Norwegian Industries
14:00 – 14:20	Nuclear Energy - Regional Needs, Problems and Solutions Professor Waclaw Gudowski, University of Uppsala and Chairman of Energy Committee in the Royal Swedish Academy of Science
14:20 – 15:30	Panel discussion and closing



ORGANIZING COMMITTEE / CHAIRS

Professor Brit Salbu, UMB and the Norwegian Academy of Science and Letters (Chairman)

Director General Ole Harbitz, NRPA

Director General Paul Narum, FFI

Professor Jan S. Vaagen, Department of Physics and Technology,
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Dr. Astrid Brunt, Statnett and the Norwegian Polytechnic Society

Professor Reidun Sirevåg, UiO, Secretary General of the Norwegian Academy of Science and Letters

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