

Conferences

28 February - 4 March	MCNPX workshop - intermediate level
April 18-20	International Workshop on Information Systems for Crisis Response and Management
May 22-25	3rd International Workshop on SPACE MICROBIOLOGY
June 27-29	6th MEGAPIE - Technical Review Meeting
August 21-26	12th International Conference on Emerging Nuclear Energy Systems
September 12-15	MRS 2005: 29th Symposium on the Scientific Basis for Nuclear Waste Management
12-16 September	29th International Symposium on the Scientific Basis for Nuclear Waste Management"
November 23 - 25	3th International Conference on Education and Training in Radiological Protection

Topical days

March 21	Nuclear Data for Innovative Energy Systems & Fuel Cycle
October 7	Life management for current research reactors
November 8	Heavy liquid metal technology

OUTLOOK ON FUTURE TOPICAL DAYS

Outlook on Academic year 2005 – 2006

October 7	Life management for current research reactors
November 8	Heavy liquid metal technology
December 6	Clay formations and geological disposal of radioactive waste
February 7	Trends and developments in irradiation technology
February 21	Improvement of techniques for multi scale modelling

Outlook on Academic year 2006-2007

January 26	Topical day on Fusion: ITER - An opportunity for the Belgian Industry
February 6	Experience with full scale MCNP modelling of research reactors
February 21	Towards a multi scale modelling approach of radiation damage in high-Cr steels: Computer simulation and experimental validation
February 23	Modelling vadose zone flow and transport processes in radioactive waste management
February 27	Minimising waste production in a complex nuclear centre: from conception to the decommissioning; the SCK•CEN reference case.
November 7	Interaction: radiation – semiconductor materials
November 21	Waste characterization needs and practices: for free release, reception, intermediate storage, long term management
December 5	Emergency Planning (Benelux)
February 6	Experience with full scale MCNP modelling of research reactors
February 27	Minimising waste production in a complex nuclear centre: from conception to the decommissioning; the SCK•CEN reference case.

Monthly Lunch talks

January 31	<ul style="list-style-type: none"> ▪ Public participation in the siting of a LLW repository in Mol ▪ A philosophy of science introduction to the SCK•CEN. Programme of Integration of Social Aspects into nuclear research.
March 25	<ul style="list-style-type: none"> ▪ Antartica Expedition : Some like it cold: cyanobacteria in Livingstone Islands, maritime Antarctica ▪ Multi-Scale Approach for Fe-Cr Alloys: Understanding Chromium effects in Fe alloys under irradiation

April 29	<ul style="list-style-type: none"> ▪ Artificial Intelligence in Nuclear Applications : FLINS examples and major lessons learned ▪ Artificial Intelligence applied to Radiation Damage – Computational study of radiation damage production in Reactor Pressure Vessel steels
May 30	<ul style="list-style-type: none"> ▪ Nuclear Fuel Qualification: SCK•CEN's Contribution to Fuel Licensing ▪ Nuclear Fuel Qualification: Fuel Rod Refabrication for Dedicated Research Applications, the REBUS case
June 23	<ul style="list-style-type: none"> ▪ RMO – Microstructure Research: Microscopy and Spectroscopy at SCK•CEN
September 30	<ul style="list-style-type: none"> ▪ A patent Strategy for the SCK•CEN ▪ Intellectual Property Right at the Katholieke Universiteit Leuven
October 28	<ul style="list-style-type: none"> ▪ A geological timescale perspective for future climate change ▪ Three Mile Island : a meltdown of public trust
November 25	<ul style="list-style-type: none"> ▪ IBA : Fighting Cancer by Particle Therapy ▪ Physics of Nanostructured Materials
December 16	<ul style="list-style-type: none"> ▪ Hadrontherapy in the world and Belgian experience: when did it start, where is it applied, which particles are used, how is the beam delivered? ▪ Innovative cancer treatment: Can Belgium play a role?