**Programme Monday June 4th, 2018**

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| **12.45** | **13.15** | **Opening Ceremony** |
| **13.15** | **15.15** | **Keynote speakers** |
| *13.15* | *13.45* | *Radiation protection in the European Union - Stefan Mundigl* |
| *13.45* | *14.15* | *New ways to optimization of radiation exposure in radiology - Hilde Bosmans* |
| *14.15* | *14.45* | *New evidence on cancer risk from medical radiation - Michael Hauptmann* |
| *14.45* | *15.15* | *Radiological protection from NORM in industrial processes - Jean Francois Lecomte* |
| **15.15** | **15.45** | **BREAK** |
| **15.15** | **15.45** | **Posterpitches** |
|  |  | ***Classification, Monitoring & Decommissioning*** |
| 15.20 | 15.25 | raPHOSafe: Classification and Separation of Radium 226Ra-rich Phosphogypsum from Non-Radioactive Tailings Material - Jörg Feinhals |
| 15.25 | 15.30 | On the decommissioning of activated concrete - Gilles Moerdijk |
| 15.30 | 15.35 | Organisation of the environmental monitoring: lessons learnt from Fukushima - Mélanie Maitre |
|  |  | ***Physics, chemistry and biology*** |
| 15.20 | 15.25 | RADIATION RESISTANCE IN THE CYANOBACTERIUM ARTHROSPIRA - Ana Yadav |
| 15.25 | 15.30 | The use of ionizing radiation in experimental animals, a sustainable combination - Andre Zandvoort |
| 15.30 | 15.35 | Restoration of contaminated areas in Sweden following an RN accident - how to best combine long-term measures in order to protect people in urban environments from radiation while taking economic and social factors into account - Therése Geber-Bergstrand |
| **15.45** | **17.05** | **Scientific presentations** |
|  |  | ***Protecting Skin and Eye Lens*** |
| 15.45 | 16.05 | Technology to reduce or even prevent harmful radiation effects on the skin - Ad den Boer |
| 16.05 | 16.25 | Measurement of skin dose and radiation-induced skin reactions during breast cancer radiotherapy - Erik Tesselaar |
| 16.25 | 16.45 | Developing a calculation tool for skin dose after contamination - Robert Westland |
| 16.45 | 17.05 | Guidelines for Radiation Protection and Dosimetry of the Eye Lens in the Netherlands - Robert Kollaard |
|  |  | ***Regulations, NORM (exposure):*** |
| 15.45 | 16.05 | CSN’s Pilot Inspection Programme as a tool for achieving sustainable compliance in NORM industries - Marta García-Talavera |
| 16.05 | 16.25 | Radiation exposure from natural radionuclides in Dutch workplaces and public buildings - Pauline Goemans |
| 16.25 | 16.45 | Integrated approach for workers protection in industries involving NORM - Hélène Caplin |
| 16.45 | 17.05 | Monitoring of NORM in secondary raw materials from the non-ferrous metallurgy in Belgium - Stéphane Pepin |
|  |  | ***Nuclear Emergency Management*** |
| 15.45 | 16.05 | An investigation of the effectiveness of sheltering versus evacuation with a focus on geographical influences - Jonathan Sherwood |
| 16.05 | 16.25 | Public information and transparency in the event of an emergency: New Basic Safety Standards and amended Nuclear Safety Directive - Tanja Perko |
| 16.25 | 16.45 | Comparison of the contribution of short-lived radioiodines tot he thryoid dose fort he public after the radiation accidents at the Chernobyl and Fukushima-1 nuclear power plants - Sergey Shinkarev |
| 16.45 | 17.05 | Harmonization of Emergency Preparedness & Response measures in the Netherlands - Theo Klomberg |
|  |  | ***Regulation & Legislation:*** |
| *15.45* | *16.05* | IAEA and EU Basic Safety Standards – Analysis of Differences - Helena Janzekovic |
| *16.05* | *16.25* | Sustainability as a strategic element of radiation protection - Rainer Gellermann |
| *16.25* | *16.45* | Collaboration of NDT industry in Radiation Protection, legislation and research projects and communication with Government Institutions - Paul van Rooijen |
| *16.45* | *17.05* | Knowledge Management for the Radiation Protection and Criticality Specialism in the Office for Nuclear Regulation - Phil Morgan-Brown |
| **17.05** | **17.35** | **BREAK** |
| **17.05** | **17.35** | **Posterpitches** |
|  |  | ***Detection & Clean-up*** |
| 17.10 | 17.15 | Analysis by Monte Carlo of the viability of an explosive detection system based on AmBe neutron source - Eduardo Galeggo |
| 17.15 | 17.20 | Remediation of a pit for mine drainage water in Germany in terms of an artificial cover - Tobias Hein |
| 17.20 | 17.25 | Rapid Evaluation on the Clean-up of a Titanium Dioxide Production Site - Zu-Hee Woo |
|  |  | ***Regulation & Legislation*** |
| 17.10 | 17.15 | Practical implications/consequences of new Dutch legislation due to Council Directive 2013/59/Euratom of 5 December 2013 - Andre Zandvoort |
| 17.15 | 17.20 | Justified Waste and Unethical ALARA - Joop van den Eijnde |
| 17.20 | 17.25 | Determination of quantities of radiological interest for the shipping of radioactive goods with Monte-Carlo simulations - Philippe Bertreix |
| **17.35** | **18.55** | **Scientific presentations** |
|  |  | **Medical radiation therapy:** |
| 17.35 | 17.55 | Dose reduction from accurate proton energy loss prediction with dual energy CT in proton therapy - Joanne van Abbema |
| 17.55 | 18.15 | Paediatric brain irradiation with spot scanning proton therapy reduces the out-of-field doses compared to photon radiotherapy – a EURADOS WG9 antropomorphic phantom study - Filip Vanhavere |
| 18.15 | 18.35 | Evaluation of staff member radiation exposure of 90Y selective internal radiation therapy - Maartje Lotz |
| 18.35 | 18.55 | Age-adjusted Risk Factors for Patients undergoing Molecular Radiotherapy - Jim Thurston |
|  |  | **Environet & NORM project:** |
| 17.35 | 17.55 | NORM: Are We Speaking the Same Language? - Gert Jonkers |
| 17.55 | 18.15 | How to built the national-level NORM inventory? An example developed from scratch. - Boguslaw Michalik |
| 18.15 | 18.35 | Establishing a national NORM inventory and determining NORM management options – Estonia’s experience - Taavi Vaasma |
| 18.35 | 18.55 | NORM residue and NORM waste Policy and Strategies challenges and opportunities - Daniel Kidane |
|  |  | **Eye lens Protection and Risk Assessment** |
| 17.35 | 17.55 | The IRPA efforts in enhancing awareness in the implementation of eye lens monitoring and protection of workers - Marie Claire Cantone |
| 17.55 | 18.15 | EYE LENS DOSEMETERS INTERCOMPARISON EXERCISE ORGANIZED BY EURADOS - Isabelle Clairand |
| 18.15 | 18.35 | Tell me what populations eat, I will tell you how much they have been exposed - Sophie Vecchiola |
|  |  | **Communication and radiation protection challenges** |
| 17.35 | 17.55 | Local concerns & media attention vs. experts in environmental remediation: Two Belgian case studies - Tanja Perko |
| 17.55 | 18.15 | Recent status and applications of KURAMA-II - Minoru Tanigaki |
| 18.15 | 18.35 | Chemical and radiological risk-assessment methodology for soil contamination in Belgium: a comparison - Stéphane Pepin |
| 18.35 | 18.55 | Evaluation of transfer coefficients of two-compartment prediction models for ambient dose equivalent rates after nuclear accidents - Sakae Kinase |

**Programme Tuesday June 5th, 2018**

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| **08.30** | **09.50** | **Scientific presentations** |
|  |  | ***Medical training:*** |
| 08.30 | 08.50 | Patient & Staff Dose Management Software – can it make a difference? - Sian Vaughan |
| 08.50 | 09.10 | Case-based practical training in radiation safety for medical interventional teams - Marijn Rolf |
| 09.10 | 09.30 | Visualizing simulated x-rays with the Microsoft HoloLens to enhance medical staff’s understanding of 3D radiation patterns. - Tessa Klunder |
| 09.30 | 09.50 | Local diagnostic reference levels in paediatric interventional radiology procedures - Louis Alejo |
|  |  | ***Building material & exposure:*** |
| 08.30 | 08.50 | Natural radioactivity of building materials in Belgium: current situation and regulatory approach - Stephane Pepin |
| 08.50 | 09.10 | Assessing the public exposure related to the use of NORM in new types of building materials - Wouter Schroeyers |
| 09.10 | 09.30 | ASSESSMENT OF RADIOLOGICAL SIGNIFICANCE OF BUILDING MATERIALS AND RESIDUES - Natasa Todorovic |
| 09.30 | 09.50 | A practical method to comply with BSS regulations for the exposure to gamma radiation in dwellings, when taking multiple construction layers into account - Jasper Tomas |
|  |  | ***Radon & UV*** |
| 08.30 | 08.50 | Supplementary cementitious materials and additives – effective measures to hinder radon in concrete - Magnus Döse |
| 08.50 | 09.10 | Residential radon and UV exposure and skin cancer mortality in Switzerland - Danielle Vienneau |
| 09.10 | 09.30 | UV-radiation protection and UV-risks in perspective: the UV-sievert - Harry Slaper |
| 09.30 | 09.50 | Sub-lethal UVA and UVB radiation during early life stages alter behaviour and heart rate in the zebrafish (Danio rerio) - Terje Christensen |
| ***09.50*** | **10.15** | **BREAK** |
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| **10.15** | **12.15** | **Keynote speakers** |
| *10.15* | *10.45* | *Medical (topic not known yet) - Willi Kalender* |
| *10.45* | *11.15* | *Challenges for radiation protection in support of the safe decommissioning of nuclear facilities - Horst Monken Fernandes* |
| *11.15* | *11.45* | *NIR: non-interesting radiation? Not according to ICNIRP - Eric van Rongen* |
| *11.45* | *12.15* | *World Health Organization- Emilie van Deventer* |
| **12.00** | **14.00** | **LUNCH** |
| **12.30** | **13.00** | **Posterpitches** |
|  |  | ***Medical*** |
| 12.35 | 12.40 | Eye lens dosimetry for interventional procedures in cardiology - Grazyna Krajewska |
| 12.40 | 12.45 | State of Digital Radiography Reject Analysis in Dutch Hospitals - Ischa de Waard-Schalkx |
| 12.45 | 12.50 | Eye lens doses of medical staff incurred in interventional procedures in Poland - Agnieszka Szumska |
|  |  | ***Communication & risk management*** |
| 12.35 | 12.40 | Reanalysis of the epidemiological data of the Hanford site considering the dose rate - Michiya Sasaki |
| 12.40 | 12.45 | New CSN web-based application for the public consultation of the spanish radiological environmental monitoring data. - Sofia Luque |
| 12.45 | 12.50 | Intervention by Intervision: Radiation Safety Culture in The Netherlands - Bert Metz |
| **12.45** | **13.45** | **Young professional get together (invited only)** |

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| **13.00** | **13.30** | **Posterpitches** |
|  |  | ***Medical dose & Biodosimetry*** |
| 13.05 | 13.10 | An Assessment of Radiation Doses for Breast, Ovaries and Uterus while Investigating the Head, Chest, and Abdomen- Pelvis Using CT - Niculescu Florentin |
| 13.10 | 13.15 | ASSESMENT OF PATIENT DOSES FROM PET/CT EXAMINATIONS IN THE RUSSIAN FEDERATION - Larisa Chipiga |
| 13.15 | 13.20 | CYTOGENETIC BIODOSIMETRY SMALL NETWORK AND ITS ADVANTAGE FOR RADIATION EMERGENCIES IN OCCUPATIONAL FIELD - Nataliya Maznyk |
|  |  | ***Modelling & Measuring*** |
| 13.05 | 13.10 | Radiation protection instrumentation: IEC international standards for performance requirements - Miroslav Voytchev |
| 13.10 | 13.15 | Measuring radioactivity with drones - Siebren van Tuinen |
| 13.15 | 13.20 | A site specific accidental aquatic transport model for radioactive release to the Danube at the Paks NPP - Tamás Pázmándi |
| **14.00** | **16.00** | **Scientific presentations** |
|  |  | ***Emergency preparedness:*** |
| 14.00 | 14.20 | Development of a dynamic food chain model for assessment of the radiological impact from radioactive releases to the aquatic environment - Govert de With |
| 14.20 | 14.40 | Probabilistic assessment of the effect of sheltering and evacuation on the radiological dose for the population – a generic approach - Thomas Hamburger |
| 14.40 | 15.00 | Investigation of Bayesian Statistical Techniques at the Decision Threshold - John Brogan |
| 15.00 | 15.20 | Improvement of thyroid uptake measurement with a set of 3D printed thyroid phantoms. - Tiffany Beaumont |
| 15.20 | 15.40 | PRESENTATION OF EVOLUTIONS OF THE CERES PLATFORM USED TO EVALUATE THE CONSEQUENCES ON POPULATION OF POLLUTANTS RELEASES - Marguerite Monfort |
| 15.40 | 16.00 | WHO guideline on iodine thyroid blocking for radiation emergencies - Zhanat Carr |
|  |  | ***Indoor Radon: implementation of EU BSS*** |
| 14.00 | 14.20 | A NEW REGULATORY FRAMEWORK FOR RADON IN FRANCE - Alain Rannou |
| 14.20 | 14.40 | European Basic Safety Standards Directive in Ireland An opportunity for the improved regulation of radon in Workplaces - David Fenton |
| 14.40 | 15.00 | IMPLEMENTATION OF A REGULATORY FRAMEWORK FOR THE PROTECTION AGAINST INDOOR RADON EXPOSURE IN THE NETHERLANDS - Frans van de Put |
| 15.00 | 15.20 | Optimized protection from radon exposure in workplaces and dwellings: challenges related to the implementation of the European Directive 2013/59/Euratom - Francesco Bochicchio |
| 15.20 | 15.40 | Regulating natural radiation sources in Belgium: The national radon action plan - Boris Dehandschudder |
| 15.40 | 16.00 | Requirements on indoor radon in Council Directive 2013/59/Euratom – the Basic Safety Standards Directive - Stefan Mundigl |
|  |  | ***Equipment & software*** |
| 14.00 | 14.20 | A Rapid, Robust and Sensitive Detector for the Quantification of Fast Pulsed Ionizing Radiation at CERN - Hamza Boukabache |
| 14.20 | 14.40 | Setup and validation of two new personal dosimetry systems at the Belgian Nuclear Research Centre SCK•CEN: Landauer InLight and Mirion Instadose+ - Olivier van Hoey |
| 14.40 | 15.00 | Radionuclide-contaminated wound analysis using a Timepix detector - Peter Rubovic |
| 15.00 | 15.20 | Radiation Protection Aspects of the upgrade of the CERN PS Booster in the framework of the LHC Injectors Upgrade (LIU) project - Robert Froeschl |
| 15.20 | 15.40 | Improved handling and readout of household salt (NaCl) for optically stimulated luminescence (OSL) dosimetry for rapid, accurate and cost-effective prospective dosimetry applications Lovisa Waldner |
| 15.40 | 16.00 | Suitability of a new generation Direct Ion Storage (DIS) dosemeters for use in an approved individual monitoring service - Tom Grimbergen |

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|  |  | ***Communication & risk management*** |
| 14.00 | 14.20 | Integration of Risks from Multiple Hazards into a Holistic ALARA / ALARP demonstration - Peter Bryant |
| 14.20 | 14.40 | Overview of Accidents in Industrial Accelerator Facilities - Helena Janzekovic |
| 14.40 | 15.00 | Management Gurus on Radiation Protection - Joop van den Eijnde |
| 15.00 | 15.20 | QUESTIONS AND ANSERS: THE EXPERTS OF THE SPANISH SOCIETY OF RADIOLOGOCAL PROTECTION COMMUNICATE WITH THE PUBLIC - Eduardo Gallego |
| 15.20 | 15.40 | The Status of Radiation Safety (RS) Culture within the Higher Education, Research and Teaching (HERT) Sectors in the UK: An Initial Assessment. - Pete Cole |
| 15.40 | 16.00 | Regulatory oversight of safety culture in the nuclear industry - Yvonne Dubbers |
|  |  | ***Radon & Thoron*** |
| 14.00 | 14.20 | Designing and construction of a new radon calibration facility in Romania - Aurelian Luca |
| 14.20 | 14.40 | Robust measurement of the thoron exhalation rate from building materials - Govert de With |
| 14.40 | 15.00 | Establishing Ireland's current population weighted national average radon concentration using a new survey protocol. - Allison Dowdall |
| 15.00 | 15.20 | Outdoor risk from thoron and progeny in a NORM area with old mines. - Hallvart Haanes |
| 15.20 | 15.40 | The Relationship between Social Deprivation and Domestic Radon Levels : a Study in the East Midlands, UK - Antony Denman |
| 15.40 | 16.00 | Radon levels in the higher natural radioactive region of a city in China - Qifan Wu |
| ***16.00*** | **16.30** | **BREAK** |
| **16.00** | **16.30** | **Posterpitches** |
|  |  | ***Radon*** |
| 16.05 | 16.10 | New Radon sources for low-level calibrations - Florian Mertes |
| 16.10 | 16.15 | Determination of activity size distribution of radon progeny based on ambient aerosols size distributions - Katarzyna Woloszczuk |
| 16.15 | 16.20 | An Introduction to the MetroRadon Project - Metrology for Radon Monitoring - Hannah Wiedner |
|  |  | ***Occupational*** |
| 16.05 | 16.10 | Effective doses from the Norwegian diet - Mari Komperod |
| 16.10 | 16.15 | Personal and Environmental Monitoring at the Paul Scherrer Institute using a Radiophotoluminescence Dosimetry System - Frank Assenmacher |
| 16.15 | 16.20 | Availability and reliability of meteorological data for atmospheric dispersion models - Tamás Pázmándi |
| **16.30** | **18.10** | **Scientific presentations** |
|  |  | ***Harmonisation, Quality Control & Justification*** |
| 16.30 | 16.50 | Influence of lead aprons in the response of personal dosimeters worn by medical staff in fluoroscopy guided procedures - Christian Candela-Juan |
| 16.50 | 17.10 | Implementation of regulation for quality control of medical uses of ionizing radiation in Korea - Sang Hyun Park |
| 17.10 | 17.30 | Using Receiver Operating Characteristics and Nomograms for Justifiying Medical Imaging and Communicating Benefits and Risks to Patients - Jim Thurston |
| 17.30 | 17.50 | EURADOS Action on Harmonisation of Individual Monitoring: Intercomparisons, Surveys, Training and Networking Activities - Codrut Cherestes |
|  |  | ***NORM, Radon & Waste*** |
| 16.30 | 16.50 | Cost-effectiveness analysis of policies to reduce lung cancer risk from indoor radon in Italian dwellings - Francesco Bochicchio |
| 16.50 | 17.10 | Geo/Radio-Chemistry/Physics of the Members of the Thorium and Uranium Decay Series - Gert Jonkers |
| 17.10 | 17.30 | Survey on naturally occurring radioactive materials (NORM) in the Dutch non-nuclear industry - Emma Folkertsma |
| 17.30 | 17.50 | Radiological assessment of non-processed waste of a niobium mine aiming the use of it as building material - Thammiris Mohamad El Hajj |

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|  |  | ***Physics, chemistry & biology*** |
| 16.30 | 16.50 | Accounting for ingrowth of radioactive progeny in dose assessments - Teun van Dillen |
| 16.50 | 17.10 | Development and benchmark of a microdosimetric model able to predict the efficiency of luminescent detectors exposed to charged particles: implications for space and hadron therapy dosimetry - Oliver van Hoey |
| 17.10 | 17.30 |  |
| 17.30 | 17.50 | Relative biological effectiveness in a proton spread-out Bragg peak formed by pencil beam scanning mode - Anna Michaelidesova |
|  |  | ***Education & training*** |
| 16.30 | 16.50 | Education and training in radiation protection: results of the ENETRAP III project - Michèle Coeck |
| 16.50 | 17.10 | IMPLEMENTATION OF THE RADIATION PROTECTION EXPERT AND RADIATION PROTECTION OFFICER FROM THE EUROPEAN BASIC SAFETY STANDARDS IN THE NETHERLANDS - Barbara Godthelp |
| 17.10 | 17.30 | Learning outcomes for the RPO responsible for Dispersible Radioactive Material. - Andre Zandvoort |
| 17.30 | 17.50 | Learning outcomes for E&T programs for RPOs responsible for open radioactive sources – A German-Dutch comparison - Jan-Willem Vahlbruch |

**Programme Thursday June 7th, 2018**

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| **08.30** | **09.50** | **Scientific presentations** |
|  |  | ***Emergency preparedness:*** |
| 08.30 | 08.50 | Recommendations for Child and Adult Thyroid Monitoring After Reactor Accident - David Broggio |
| 08.50 | 09.10 | RAPID PROCEDURE FOR ACTINIDES AND Sr-90 ANALYSIS IN EMERGENCY URINE SPOT SAMPLES. VALIDATION OF THE METHOD IN THE GHSI-RNWG EMERGENCY INTERCOMPARISON EXERCISE - Carolina Hernandez Gonzalez |
| 09.10 | 09.30 | NERIS roadmap for further research development on preparedness for nuclear and radiological emergency response and recovery - Thierry Schneider |
| 09.30 | 09.50 | Advanced training of first responders at Forschungszentrum Jülich - Cross-border co-operation - Hardi Krumbach |
|  |  | ***Radiological protection challenges by the decommissioning of nuclear and non-power generating facilities both large and small:*** |
| 08.30 | 08.50 | Decommissioning Dounreay – Radiological Protection Challenges, Solutions and Lessons Learned - Deborah Clark |
| 08.50 | 09.10 | Radiological characterization of activated material at accelerators -Reiner Geyer |
| 09.10 | 09.30 | Dose assessment for critical group due to radioactive effluents release as a result of a nuclear research reactor decommissioning - Carmen Tuca |
|  |  | ***Dose estimation:*** |
| 08.30 | 08.50 | Retrospective dose reconstruction for an incident with a concealed radium needle - Daniela Ekendahl |
| 08.50 | 09.10 | Monte Carlo simulations for individual dosimetry of workers in disposal facilities for SNF - Frank Becker |
| 09.10 | 09.30 | Intercomparison on Internal Dose Assessment (ICIDOSE 2017): preliminary results - Tamás Pázmándi |
|  |  | ***Education & training*** |
| 08.30 | 08.50 | Sustaining radiological protection inspection capability through graduate and nuclear associate training and development - Laura Macintosh |
| 08.50 | 09.10 | Development of Radiation Research Capacity in Ireland - Lorraine Currivan |
| 09.10 | 09.30 | Smartphones as Dosimeters - Hendrik Erenstein |
| 09.30 | 09.50 | The European Radon Association (ERA) - Jose Luis Gutierrez Villanueva |
| **09.50** | **10.20** | **BREAK** |
| **10.20** | **12.50** | **Keynote speakers** |
| *10.20* | *10.50* | *NORM: EU directive implications beyond EU borders - Nick Tsurikov* |
| *10.50* | *11.20* | *Emergency preparedness: advancement and still open gaps in Europe - Wolfgang Raskob* |
| *11.20* | *11.50* | *A talk about the sustainability of the ICRP recommendations issues for improvement & clarification - Chris Huyskens* |
| *11.50* | *12.20* | *The ethics of radiological protection: from core values to practical wisdom - Jacques Lochard* |
| *12.20* | *12.50* | *Radiation protection and sustainability: a view of safety from the IAEA - by Andrew Orell* |
| **12.50** |  | **LUNCH** |
| **12.55** | **13.25** | **Posterpitches** |
|  |  | ***Education*** |
| 13.00 | 13.05 | *IRSN’s Information and Education Strategy for the Public to enhance their Radiation Protection and Nuclear Safety Culture - Fabric Ecrabet* |
| 13.05 | 13.10 | *RADIATION PROTECTION TRAINING IN UPDATED SLOVENIAN LEGISLATION: WHAT IS IMPROVEMENT AND WHAT IS NOT - Matjaz Kozelj* |
| 13.10 | 13.15 | Nordic Exercise for Unmanned Systems, NEXUS 2017 - Magnus Gardestig |

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|  |  | ***Radon, Restoration & Waste*** |
| 13.00 | 13.05 | *Radon Levels in New Homes built with radon protection in high radon areas in Northamptonshire, UK - Antony Denman* |
| 13.05 | 13.10 |  |
| 13.10 | 13.15 | Bioinformatics analysis of complex DNA-sequencing data to assess microbial diversity in geological radioactive waste disposal environments - Valerie van Eesbeeck |
| **13.30** | **15.30** | **Young Professional Award - session 1** |
| 13.30 | 13.50 | *Clarita Saldarriaga Vargas (BVS/ABR)* |
| 13.50 | 14.10 | *Cristian Candela - Juan (SEPR)* |
| 14.10 | 14.30 | *Daria Yu Usupzhanova (Russian Society)* |
| 14.30 | 14.50 | *Joanne van Abbema (NVS)* |
| 14.50 | 15.10 | *Sara Vichi (AIRP)* |
| 15.10 | 15.30 | *Marion Piepenbrock (FS)* |
| **15.30** | **16.00** | **BREAK** |
| **15.30** | **16.00** | **Posterpitches** |
|  |  | ***Radioecology*** |
| 15.35 | 15.40 | Fate of Radionuclide 14C In Soil-Plant-Atmosphere Continuum: Uptake of Soil 14C Into Plants - Soroush Majlesi |
| 15.40 | 15.45 | RADIOECOLOGY OF TRITIUM IN SEWAGE WATER DISCHARGES OF A LANDFILL IN NORTHERN GERMANY - Rainer Gellermann |
| 15.45 | 15.50 | Characterization of scattered radiation field in interventional radiology theatres - Marie Nowak |
|  |  | ***Occupational*** |
| 15.35 | 15.40 | New software to integrate uncertainty in the optimisation of monitoring for internal contamination - Estelle Davesne |
| 15.40 | 15.45 | Personal neutron monitoring at the Paul Scherrer Institute - Eduardo Yukihara |
| 15.45 | 15.50 | Uncertainty estimation of thyroid activity measurements and its consequences in dose assessment - Anna Pantya |
| **16.00** | **17.40** | **Young Professional Award - session 2** |
| 16.00 | 16.20 | *Hannah Wiedner (ÖVS)* |
| 16.20 | 16.40 | *Anna Kelaranta (Nordic Society)* |
| 16.40 | 17.00 | *Alex Nicholson (SRP)* |
| 17.00 | 17.20 | *Nadia Benabdallah (SFRP)* |
| 17.20 | 17.40 | *Anna Michaelidesová (Czech Society)* |

**Programme Friday June 8th, 2018**

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| **08.30** | **09.50** | **Scientific presentations** |
|  |  | ***Regulation & Legislation*** |
| 08.30 | 08.50 | How Regulators Assess Radiological Protection For New Build - Paul Butler |
| 08.50 | 09.10 | Optimisation of Radiation Protection (ALARA): a Guidebook - Fernan Vermeersch |
| 09.10 | 09.30 | GRADED APPROACH TO THE IMPLEMENTATION OF THE EUROPEAN BASIC SAFETY STANDARDS IN THE NETHERLANDS - Frans van de Put |
| 09.30 | 09.50 | Benchmarking the staffing level of radiation protection departments: a comparison between the Netherlands and the US. - Peter Görts |
|  |  | ***NORM & Decommissioning*** |
| 08.30 | 08.50 | Options for NORM waste management in mining industry - Boguslaw Michalik |
| 08.50 | 09.10 | Lessons learned midway through the implementation of the Radium Action Plan 2015-2019 in Switzerland - Christophe Murith |
| 09.10 | 09.30 | Application of an artificial neural network for evaluation of activity concentration exemption limits in NORM industry - Hannah Wiedner |
| 09.30 | 09.50 | Cyclotron decommissioning at the Vrije Universiteit Amsterdam “The beginning of the end” - Andy van Driel |
|  |  | ***Waste management*** |
| 08.30 | 08.50 | Management of radioactive waste in the Netherlands - Jeroen Welbergen |
| 08.50 | 09.10 | Dose Rate Estimations and Potential Exposure Sitauations for Incorporation of Tritium from Gaseous Tritium Light Sources (GTLS) - Matthias Rizzi |
| 09.10 | 09.30 | International Network of Laboratories for Nuclear Waste Characterization IAEA-LABONET - Facts and Future - Leo van Velzen |
| 09.30 | 09.50 | Clearance from regulatory control in Switzerland of CERN’s radioactive waste - Charlotte Duchemin |
| **09.30** | **11.40** | **IRPA Workshop: Public Understanding of Radiation Risk** |
|  |  | *Work of the IRPA TG on public understanding of radiation risk and towards guiding principles for IRPA communication and engagement with the public - Tanja Perko* |
|  |  | *Experiences of engaging with 'non-RP specialist' cohorts with regards to the UK nuclear new build programmes - Pete Bryant* |
|  |  | *Engaging with School Children – Experiences from the SRP Schools Outreach Programme - Pete Cole* |
|  |  | *Panel discussion and Q&A* |
| **09.50** | **10.20** | **BREAK** |
| **10.20** | **11.40** | **Scientific presentations** |
|  |  | ***Security*** |
| 10.20 | 10.40 | Changing the paradigm for radiological terrorism preparedness - Cullen Case |
| 10.40 | 11.00 | Utilizing Data Patterns in String Measurements to Enhance Radiological Detection Capabilities - Alexander Brandl |
| 11.00 | 11.20 | Monte Carlo Simulations and Experiments to Detect Radioactive Sources in Steel Scrap - Tobias Hein |
| 11.20 | 11.40 | Development of Radiation Shielded Vehicle and on-board monitoring system in the Service of Emergency Responders. - János Petrányi |
|  |  | ***Environmental & exposure*** |
| 10.20 | 10.40 | Transfer of naturally occurring radionuclides to biota, exposure to man and risk perception – Havard Thorring |
| 10.40 | 11.00 | Discharges from NORM industries in Germany: estimate of doses to members of the public - Christian Kunze |
| 11.00 | 11.20 | Role of environmental impact assessment in regulatory decision making at NORM legacy sites in Norway - Jelena Mrdakovic Popic |
| 11.20 | 11.40 | What is the radiological/ecological impact of NORM residues and effluents on the environment? - Hildegarde Vandenhove |

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|  |  | ***Miscellanious*** |
| 10.20 | 10.40 | Clearance levels for surface-contaminated objects leaving a nuclear facility: preliminary results - Federica Russo |
| 10.40 | 11.00 | Improving personal dosimetry of medical staff wearing radioprotective garments: design of a new whole-body dosimeter using Monte Carlo simulations - Clarita Saldarriaga Vargas |
| 11.00 | 11.20 | Preliminary validation of the MC-GPU Monte Carlo code against PENELOPE/penEasy code system for interventional radiology and cardiology - Mercè Ginjaume |
| 11.20 | 11.40 | Results of the EURADOS intercomparison IC2016 on whole body photon dosemeters - Tom Grimbergen |
| **11.40** | **12.10** | **BREAK** |
| **12.10** | **14.00** | **Keynote speakers and closing ceremony** |
|  |  | *New developments in the production of radionuclides - A Denkova* |
|  |  | *Advances in personal dosimetry - Filip Vanhavere* |
|  |  | *Closing session: summary on the topic of the congress - Roger Coates* |
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