



# ETRAP 2009

**Sunday 8 November 2009**

<b>17.00 – 19.30</b>	<b>Pre-registration</b> The Registration Desk will be located in the conference floor of the Novotel Lisbon
<b>19.00 – 20.00</b>	<b>ETRAP Welcome Reception</b> The Welcome Reception will take place at the conference floor of the Novotel Lisbon

**Monday 9 November 2009**

<b>9.00 – 9.30</b>	<b>OPENING SESSION</b> <i>Chair: S. San Antonio (Secretary General ENS)</i>
	<b>Welcome Addresses</b> <ul style="list-style-type: none"><li>- J. Montalvão e Silva (President ITN)</li><li>- M. Coeck (Chair ETRAP Programme Committee)</li></ul>
<b>9.30 – 10.30</b>	<b>SETTING THE SCENE – PART I</b> <i>Chair: S. San Antonio (ENS)</i>
	<b>Keynote Speech:</b> <b>EDUCATION AND TRAINING REQUIREMENTS IN THE REVISED EUROPEAN BASIC SAFETY STANDARDS DIRECTIVE</b> Stefan Mundigl (European Commission, DG TREN - H 4 Radiation Protection) <b>Keynote Speech:</b> <b>EDUCATION, TRAINING AND THE EURATOM FRAMEWORK PROGRAMME</b> G. Van Goethem, A. Jouve (European Commission DG-Research)
<b>10.30 – 11.00</b>	<b>Coffee Break</b>
<b>11.00 – 13.00</b>	<b>SETTING THE SCENE – PART II</b> <i>Chair: M. Coeck (SCK•CEN)</i>
	<b>Keynote Speech:</b> <b>IRPA'S CONTRIBUTION TO E&amp;T ACTIVITIES FOR RADIATION PROTECTION PROFESSIONALS</b> E. Gallego (International Radiation Protection Association, IRPA) <b>Keynote Speech:</b> <b>IAEA ACTIVITIES IN EDUCATION AND TRAINING IN RADIATION, TRANSPORT AND WASTE SAFETY: CURRENT STATUS AND FUTURE CHALLENGES</b> J. Wheatley (International Atomic Energy Agency, IAEA) <b>Keynote Speech:</b> <b>PERSPECTIVE ON FUTURE NEEDS FOR RADIATION PROTECTION COMPETENCE FOR NUCLEAR INFRASTRUCTURE</b> U. Yoshimura (OECD)



13.00 – 13.45	<b>Lunch Break</b>
13.45 – 14.30	<b>Poster Session</b>
14.30 – 15.40	<b>CURRENT STATUS IN E&amp;T IN RADIOLOGICAL PROTECTION</b> <i>Chair: A. Falcao (ITN)</i>
	<b>Keynote speech:</b> <b>RADIATION AND WASTE SAFETY TRAINING: TOWARDS SUSTAINABLE TRAINING AND SELF RELIANCE – A MALAYSIAN EXPERIENCE</b> M. L Juri, S. Hassan, D. Mohamad (Malaysian Nuclear Agency) – Malaysia <b>RADIATION PROTECTION TRAINING PROGRAM AT THE EU JOINT RESEARCH CENTRE IN ISPRA, ITALY</b> C. Osimani, D. Giuffrida (Joint Research Centre) - Italy <b>RADIATION PROTECTION TRAINING IN LOVIISA NPP, LEGISLATIVE GUIDANCE AND DEVELOPMENT OF TRAINING PROCESS - HISTORICAL APPROACH</b> M. Ritala, M. Koivisto, M. Halin, T. Kontio, M. Virtanen, J. Vanhanen, J. Karhula (Fortum Power and Heat Oy, Loviisa NPP) – Finland
15.40 – 16.00	<b>Coffee Break</b>
16.00 – 17.00	<b>DEVELOPMENTS IN TRAINING DELIVERY</b> <i>Chair: F. Draaisma (NRG)</i>
	<b>DISTANCE TEACHING - AN EXPERIENCE FROM PETRUS (EDUCATION IN GEOLOGICAL DISPOSAL OF RADIOACTIVE WASTES)</b> B. Bazargan Sabet (Institut National Polytechnique de Lorraine, Ecole des Mines de Nancy) – France; F.J. Elorza Tenreiro (Universidad Politécnic de Madrid, Escuela Técnica Superior de Ingenieros de Minas) – Spain; K-J. Rohlig (Technische Universität Clausthal, Institut für Endlagerforschung) – Germany; R. Vasicek, J. Svoboda (CTU in Prague, Centre of Experimental Geotechnics) – Czech Republic <b>DEVELOPMENT OF THE <math>\Gamma</math>-RAY SPECTROSCOPY SYSTEM USING CSI(TL)-PIN DIODE DETECTOR FOR EDUCATIONAL PURPOSES</b> Y. Nam, H.S. Kim, J-H. Ha, B-J. Min (Atomic Energy Research Institute) – Republic of Korea <b>FIFTY-YEAR EXPERIENCE OF NUCLEAR&amp;RADIATION EDUCATION AT NUTEC/JAEA -MAINLY ON RADIATION BASIC COURSE AND NEW DISTANCE LEARNING SYSTEM-</b> K. Kushita, H. Kato, H. Murakami, J. Sugimoto (Nuclear Technology and Education Center, Japan Atomic Energy Agency ) – Japan



Tuesday 10 November 2009

09.00 – 11.00	<b>EDUCATION AND TRAINING NETWORKS</b> <i>Chair: S. Mundigl (EC)</i>
	<p><b>ENETRAP II 7FP: DEVELOPMENT OF E&amp;T SCHEMES FOR RADIATION PROTECTION EXPERTS AND OFFICERS</b> M. Coeck (SCK•CEN) - Belgium</p> <p><b>THE EUTERP PLATFORM: RESULTS OF THE 3RD WORKSHOP</b> F. Draaisma (Nuclear Research and Consultancy Group NRG) – The Netherlands</p> <p><b>THE ROLE OF EFOMP IN THE EDUCATION AND TRAINING OF MEDICAL PHYSICISTS AND HEALTH PROFESSIONALS IN RADIATION PROTECTION THROUGH NATIONAL AND INTERNATIONAL NETWORKS</b> S. Christofides, M. Wasilewska-Radwanska, W.J. M. van der Putten (The European Federation of Organisations for Medical Physics) – United Kingdom</p> <p><b>ENEN'S CHALLENGES IN RESPONSE TO THE INDUSTRY AND REGULATORY NEEDS</b> P. De Regge, R. Kusumi (European Nuclear Education Network Association), J. Safieh (CEA/INSTN) - France</p> <p><b>ROLE OF SMALL RESEARCH REACTORS IN EDUCATION AND TRAINING IN RADIOLOGICAL PROTECTION</b> H. Böck (Atominstitut) – Austria; J. Marques (Instituto Tecnológico e Nuclear) – Portugal, A. Aszódi (Institute of Nuclear Techniques, Budapest) – Hungary; L. Sklenka (Department of Nuclear Reactors, Czech Technical University) – Czech Republic</p> <p><b>A NETWORK TO ENHANCE COLLABORATION BETWEEN HIGHER EDUCATION INSTITUTIONS ON RADIOLOGICAL PROTECTION AND NUCLEAR ENGINEERING</b> J. Rodenas (Universidad Politécnica de Valencia) – Spain</p>
11.00 – 11.20	Coffee Break
11.20 – 12.30	<b>APPROACHES IN SECTOR SPECIFIC TRAINING</b> <i>Chair: A. Schmitt-Hannig (BfS) – PART I</i>
	<p><b>Keynote speech:</b> <b>SECTOR-SPECIFIC IN-HOUSE EDUCATION AND TRAINING AT SIEMENS</b> K-M. Schlicke (Siemens AG) – Germany</p> <p><b>EDUCATION AND TRAINING OF RADIATION PROTECTION OFFICERS IN SWEDEN</b> V. Nilsson (Forsmarks Kraftgrupp AB (NPP)) - Sweden</p> <p><b>NOT ABLE TO DISTINGUISH BETWEEN X-RAY TUBE AND IMAGE INTENSIFIER: FACT OR FICTION? SKILLS IN RADIATION PROTECTION WITH FOCUS OUTSIDE RADIOLOGICAL DEPARTMENTS</b> E.G. Friberg, A. Widmark, M. Solberg, T. Wøhni, G. Saxebøl (Norwegian Radiation Protection Authority, Section for Dosimetry and Medical Applications) – Norway</p>
12.30 – 13.20	Lunch Break
13.20 – 14.20	<b>Poster Session</b>



<b>14.20 – 15.40</b>	<b>APPROACHES IN SECTOR SPECIFIC TRAINING</b> <i>Chair: F. Draaisma (NRG) – PART II</i>
	<p><b>OPTIMIZING RADIATION PROTECTION IN MEDICAL PRACTICE</b> X. Ortega, M. Ginjaume, (Institute of Energy Technology, Universitat Politècnica de Catalunya (UPC)) – Spain; E. Carinou (Greek Atomic Energy Commission (GAEC)) – Greece; F. Vanhavere (Belgian Nuclear Research Centre (SCK•CEN)) – Belgium; I. Clairand (Institut de Radioprotection et de Sûreté Nucléaire (IRSN)) – France; G. Gualdrini (Radiation Protection Unit ENEA) – Italy; M. Sans-Merce (University Hospital Center Vaudois (CHUV)) – Switzerland</p> <p><b>EDUCATION OF HEALTH PHYSICISTS AND HEALTH PHYSICS TECHNICIANS AT DANISH DECOMMISSIONING</b> J. Silva, B. Lauridsen (Dansk Dekommissionering) - Denmark</p> <p><b>RADIATION PROTECTION EDUCATION FOR PHYSICIANS IN TRAINING. THREE YEARS EXPERIENCE.</b> P.Garcia Castañon; M.L. España Lopez; V. Fernandez Bedoya; R. Bermudez Luna (Radiation Protection Department, Hospital Universitario La Princesa) – Spain</p> <p><b>ENHANCING BRUCE POWER'S MANAGEMENT MODEL - LAYING A FOUNDATION FOR RP EXCELLENCE</b> M. McQueen, S. Brisette (Bruce Power) – Canada</p>
<b>15.40 – 16.00</b>	<b>Coffee Break</b>
<b>16.00 – 17.20</b>	<b>BROADENING THE PERSPECTIVE</b> <i>Chair: A. Jouve (EC)</i>
	<p><b>IDAHO STATE UNIVERSITY RADIOLOGICAL PROTECTION EDUCATION AND TRAINING FOR THE NUCLEAR RENAISSANCE</b> J. Harris (Idaho State University) – United States</p> <p><b>EDUCATIONAL PROGRAMME IN NUCLEAR SECURITY</b> M. Gregoric, A. Braunegger-Guelich, P. Colgan, V. Rukhlo (IAEA)</p> <p><b>LECTURING ETHICS IN COURSES ON RADIOLOGICAL PROTECTION AND NUCLEAR TECHNOLOGY ASSESSMENT: FEEDBACK ON 5Y OF ACADEMIC EXPERIENCE</b> G. Meskens (SCK•CEN - PISA (Programme of Integration of Social Aspects into Nuclear Research)), M. Coeck (SCK•CEN - isRP (international school for Radiological Protection)) - Belgium</p> <p><b>INTEGRATION OF RADIATION PROTECTION INTO A GENERAL HEALTH AND SAFETY TRAINING?</b> S.Severitt (B.A.D GmbH, Abteilung Fraunhofer) – Germany</p>
	<b>ETRAP Conference Dinner</b>



Wednesday 11 November 2009

9.00 – 10.30	<b>RECENT DEVELOPMENTS IN RECOGNITION AND HARMONIZATION OF REQUIREMENTS – Part I</b> <i>Chair: R. Paynter (HPA)</i>
	<p><b>Keynote Speech:</b> <b>UNITED STATES NUCLEAR REGULATORY COMMISSION TRAINING PROGRAM</b> J. Ricci (United States Nuclear Regulatory Commission) – United States</p> <p><b>ENETRAP II: WP2 - REQUIREMENTS FOR THE RECOGNITION OF RADIATION PROTECTION EXPERTS (RPE)</b> J. Stewart (Radiation Protection Division, Health Protection Agency (HPA)) – United Kingdom; F. Draaisma (NRG) – The Netherlands; P. Livolsi (National Institute for Nuclear Science and Technology (CEA-INSTN)) – France; A. Luciani (ENEA Radiation Protection Institute) – Italy; A. Schmitt-Hannig (Bundesamt für Strahlenschutz (BfS)) - Germany</p> <p><b>ENETRAP II: WP3 - REQUIREMENTS FOR RPO COMPETENCIES AND ESTABLISHMENT OF EUROPEAN GUIDANCE FOR RPO TRAINING</b> A. Schmitt – Hannig (Bundesamt für Strahlenschutz (BfS)) – Germany; M. Coeck (SCK•CEN - Belgian Nuclear Research Centre) – Belgium; F. Draaisma (NRG) – The Netherlands; A. Luciani (ENEA) – Italy; M. Marco (Virtual Centre For Distance Learning And Transfer Knowledge, CIEMAT) – Spain; S. Möbius (International Training – FTU, Forschungszentrum Karlsruhe) – Germany; J. Stewart (Health Protection Agency) – United Kingdom; P. Vaz (Instituto Tecnológico e Nuclear (ITN)) - Portugal</p> <p><b>ENETRAP II: WP5 - DEVELOP AND APPLY MECHANISMS FOR THE EVALUATION OF TRAINING MATERIAL, EVENTS AND PROVIDERS</b> F. Draaisma (NRG) – The Netherlands; J. Stewart (Health Protection Agency HPA) – United Kingdom; P. Livolsi (CEA-INSTN) – France; A. Luciani (ENEA) – Italy; S. Möbius (Forschungszentrum Karlsruhe FZK) – Germany; P. Vaz (ITN) – Portugal; M. Ceclan (Polytechnical University Bucharest PUB) – Romania; P. de Regge (ENEN) – France</p>
10.30 – 10.50	<b>Coffee Break</b>
10.50 – 12.00	<b>RECENT DEVELOPMENTS IN RECOGNITION AND HARMONIZATION OF REQUIREMENTS – Part II</b> <i>Chair: P. Vaz (ITN)</i>
	<p><b>HARMONIZATION OF NATIONAL AND REGIONAL EDUCATION AND TRAINING IN RADIATION PROTECTION IN CASE OF BELARUS</b> A. Timoshchenko (International Sakharov Environmental University) - Belarus</p> <p><b>TRAINING OF RPOS IN SLOVENIA: LESSONS LEARNED AND SUGGESTIONS FOR IMPROVEMENT</b> M. Koželj I. Jenčič (Jožef Stefan Institute) - Slovenia</p> <p><b>PROFESSIONAL QUALIFICATION IN RADIOLOGICAL PROTECTION: UPDATE ON THE PORTUGUESE NEEDS</b> A. Falcao, C. Oliveira (ITN, Nuclear and Technological Institute), P. Rosário (DGS - Directorate-General of Health) - Portugal</p>
12.00 – 13.00	<b>Lunch Break</b>



ETRAP  
2009



13.00 – 14.20	<b>BUILDING THE FUTURE – ATTRACTING A NEW GENERATION</b> <i>Chair: J. Stewart (HPA)</i>
	<p><b>MAINTAINING COMPETENCE IN RADIATION PROTECTION IN GERMANY</b> A.Böttger, R. Raguse (Division RS II 2 – General and Fundamental Aspects of Radiological Protection, Federal Ministry for Environment, Nature) - Germany</p> <p><b>EUROPEAN MASTER PROGRAMMES IN RADIOECOLOGY, RADIATION PROTECTION AND ADVANCED RADIOCHEMISTRY TO MEET THE STAKEHOLDERS NEEDS FOR RECRUITMENT</b> L. Skipperud, B. Salbu (Norwegian University of Life Sciences) – Norway; H. Garelick, H. Jones (Middlesex University) – United Kingdom; Ch. Tamponnet (IRSN) - France</p> <p><b>ENETRAP II: ENTHUSING AND ATTRACTING YOUNG GENERATION WITH RADIATION PROTECTION</b> M. Ceclan, R. E. Ceclan (University Politehnica of Bucharest) – Romania; M. Coeck (SCK-CEN) – Belgium; A. Schmitt-Hannig (BfS) – Germany; P. Livolsi (CEA – INSTN) - France</p> <p><b>THE EUROPEAN MASTER’S DEGREE IN RADIATION PROTECTION "EMRP": AN ENETRAP RESULT</b> P. Livolsi (Institut National des Sciences et Techniques Nucléaires, CEA/INSTN); J. Balosso, H. Mazouzi (Joseph Fourier University, CHU Grenoble) – France; L. Musilek (Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering) - Czech Republic; A. Chard (North Highland College UHI)- United Kingdom</p>
14.20 – 15.00	<b>CLOSING SESSION</b> <i>Chair: M. Coeck (SCK-CEN); Co-chair: R. Paynter (HPA)</i>
15.00	Coffee Break



ETRAP  
2009

## Poster Session

### CURRENT STATUS

#### **EDUCATION TO A BACHELOR DEGREE IN THE FIELD OF RADIATION PROTECTION IN SAXONY**

S. Jansen, D. Röllig, T. Schönmath, P. Sahre, M. Kaden, A. Beutmann (Nuclear Engineering and Analytics Rossendorf Inc. (VKTA)), L. Gläser, C. Sussek (University of Cooperative Education Riesa) – Germany

#### **VOCATIONAL TRAINING TARGETED AT THE IMPLEMENTATION OF IONISING RADIATION PROTECTION MEASURES, CARRIED OUT IN THE REPUBLIC OF CROATIA**

N. Belamaric, D. Kubelka, M. Pecnik (State Office for Radiation Protection) - Croatia

#### **EDUCATION AND TRAINING IN RADIATION PROTECTION: THE INSTN EXPERIENCED APPROACH**

M. Colombel, P. Livolsi, P. Massiot, C. Jimonet, A. Hammadi (National Institute for Nuclear Science and Technology (CEA-INSTN)) – France

#### **NUCLEAR TRAINING CENTRE INVOLVEMENT IN RADIATION PROTECTION**

C. Avadanei, ("Horia Hulubei" National Institute of Physics and Nuclear Engineering) - Romania

#### **TWENTY YEARS OF RADIOLOGICAL PROTECTION TRAINING AT DUBLIN UNIVERSITY**

E. Finch, E. Doorly (School of Physics, University of Dublin, Trinity College) - Ireland

#### **EDUCATION AND TRAINING IN RADIOLOGICAL PROTECTION AND SAFETY IN PORTUGAL: COLLABORATION BETWEEN A UNIVERSITY (IST) AND A RESEARCH CENTRE (ITN)**

L.S. Ferreira (Instituto Superior Técnico, Departamento de Física), O. Gil, A. Oliveira, I. Paiva, M. Reis, R. Trindade, P. Vaz (Instituto Tecnológico e Nuclear) – Portugal

#### **E&T AT ACADEMIC LEVEL: THE NEW INSTITUTE FOR RADIATION RESEARCH IN KARLSRUHE**

B. Breustedt, A. Bohnstedt, G. Frank, J. Knebel (Karlsruhe Institute of Technology) – Germany

#### **AN INTEGRATED APPROACH TO EDUCATION AND TRAINING ON RADIATION PROTECTION**

G; Sardool Singh (Sant Longowal Institute of Engineering and Technology) – India

#### **E&T IN RADIOLOGICAL PROTECTION – VIEWS OF THE BELGIAN NUCLEAR RESEARCH CENTRE SCK•CEN**

M. Coeck, G. Meskens (SCK•CEN) - Belgium

## Poster Session

### APPROACHES IN SECTOR SPECIFIC TRAINING

#### **SOGIN - RADIOLOGICAL PROTECTION AND NUCLEAR SAFETY SCHOOL - EXPERIENCES AND PERSPECTIVES**

S. Romani, F. Mancini, G. Ghioni (Sogin) - Italy

#### **A TOOLKIT FOR RADIATION DOSE ASSESSMENTS**

D. Hulhoven, S. Vanderperre, T. Soetens (Tractebel Engineering) – Belgium

#### **RADIOPROTECTION EDUCATION AND TRAINING IN NUCLEAR FUEL PLANT PITESTI ROMANIA**

T. Ivana, GH. Epure (Romanian Radioprotection Society) – Romania

#### **EDUCATION IN RADIATION PROTECTION SPECIFICALLY FOR INTERVENTIONISTS: EXPERIENCE FROM CANARY ISLANDS**

J. Hernández-Armas, A. Catalán-Acosta (Hospital Universitario de Canarias), J. García-Granados (Complejo Hospitalario Universitario Insular-Materno Infantil), R. Martín-Oliva, Roberto (Hospital Universitario de Gran Canaria "Dr. Negrín") - Spain



**ETRAP**  
**2009**



**COMPUTER BASED RADIOLOGICAL PROTECTION COURSE FOR WORKERS IN THE MEDICAL SECTOR**

C. Gori, S. Busoni (Health Physics Department, Azienda Ospedaliero-Universitaria Careggi, Firenze), C. Fulcheri (Medical Physics Specialization School, Università degli Studi di Firenze) - Italy

**DOSE MAPPING AROUND INDUSTRIAL RADIATION DEVICES USING THE MCNPX CODE**

C. Oliveira (ITN -Instituto Tecnológico e Nuclear) R. Costa (Rui FCT/UNL-Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa) – Portugal

**RADIATION PROTECTION COURSES IN EDUCATION OF MEDICAL PHYSICISTS IN REPUBLIC OF MACEDONIA**

L. Nikolovska (Institute of Public Health) - Macedonia

**RADIATION PROTECTION COURSES FOR TECHNICAL APPLICATIONS IN GERMANY - AN OVERVIEW**

J-W. Vahlbruch (Leibniz Universität Hannover) – Germany

**INTEGRATION OF RADIATION PROTECTION IN THE SKILLSLAB PROGRAM OF RADIOGRAPHERS**

D. De Backer, H. Mol (Hogeschool-Universiteit Brussel) - Belgium

**HOW “DO’S” AND “DON’TS” CAN BE OF SIGNIFICANT IMPORTANCE IN RADIATION PROTECTION**

A. Widmark, E.G. Friberg (Norwegian Radiation Protection Authority, Section for Dosimetry and Medical Applications) - Norway

**TRAINING ON RADIOLOGICAL PROTECTION: USING A COMPLEX SIMULATION SYSTEM AS EDUCATIONAL TOOL**

N. Kaufmann, A. Piater, A. Lurk, W. Scheuermann, T. Ionescu, E. Laurien, (University of Stuttgart) - Germany

**FULLY ADAPTED RADIATION PROTECTION TRAINING FOR THE DISMANTLING OF THE BN MOX PLANT IN DESSEL, BELGIUM**

P. Cretskens (European Control Services), J-M. Cuchet (Belgonucleaire) – Belgium

**Poster Session**

**DEVELOPMENTS IN TRAINING DELIVERY**

**USE OF ROOT CAUSE METHODOLOGIES AS LEARNING TOOLS IN RADIOLOGICAL PROTECTION TRAINING**

Y.R. Mamani Alegria (National Commission on Nuclear Safety and Safeguards) – Mexico

**DUAL EDUCATION FOR A CAREER AS RADIATION PROTECTION ENGINEER – THE KARLSRUHE MODEL OF COOPERATIVE EDUCATION IN RADIATION PROTECTION WITH BOTH, INTEGRATED ACADEMIC STUDIES AND WORK EXPERIENCE**

W. Kraut (Baden-Wuerttemberg Cooperative State University Karlsruhe), A. Zieger (Forschungszentrum Karlsruhe), M. Urban, A. Bickel (Wiederaufarbeitungsanlage Karlsruhe, Rueckbau-und Entsorgungs-GmbH) - Germany

**EDUCATION AND TRAINING IN RADIATION PROTECTION IN PORTUGAL: THE ROLE OF ITN**

A. Falcão (ITN, Nuclear and Technological Institute), M. Ferreira (Aveiro University) – Portugal



**ETRAP**  
**2009**

**Poster Session**

**RECENT DEVELOPMENTS IN RECOGNITION AND HARMONISATION OF REQUIREMENTS**

**TRAINING FOR REGULATION OR REGULATION FOR TRAINING?**

M.M. Meruje, M. Gieb, S. Dias, J. Sampaio, M. Ferro (CIPRSN Independent Commission for Radiological Protection and Nuclear Safety) – Portugal

**Poster Session**

**BUILDING THE FUTURE – ATTRACTING A NEW GENERATION**

**ADVANCEMENT OF THE YOUNG GENERATION IN RADIATION PROTECTION OF THE ASSOCIATION OF GERMAN AND SWISS RADIATION PROTECTION EXPERTS**

S. Zauner, G. Hampel (Institut für Kernchemie, Universität Mainz), S. Nagels (Institut für Strahlenforschung, FZK) – Germany

**WIDE INSATIABLE ETRAP FIELD IN SERBIA**

O. Marinkovic (Institute of Occupational and Radiological Health), V. Spasic Jokic (University of Novi Sad), K.Paunovic (Medical College in Belgrade) – Serbia and Montenegro

**Poster Session**

**BROADENING THE PERSPECTIVE**

**LESSONS LEARNED ABOUT COMMUNICATION TO PUBLIC AFTER AN INCIDENT IN A NUCLEAR POWER PLANT**

P. Marchena, B. Gomez-Arguello, B. Bravo (Tecnatom) - Spain

**THE ACTUAL STATE OF PHYSICS TEACHERS' COGNITION ON THE CONCEPT OF RADIATION IN KOREA**

S-T. Sang-Tae (Kongju National University) – Republic of Korea

**SAFETY CULTURE AND RADIATION PROTECTION AT IPOC**

M. C. de Sousa, M.d.C. Lopes (Instituto Português de Oncologia de Coimbra Francisco Gentil, E.P.E.) - Portugal

**SAFEGUARDS COURSE IN THE FRAMEWORK OF BNEN (BELGIAN NUCLEAR HIGHER EDUCATION NETWORK)**

R. Carchon (SCK.CEN) - Belgium

**NUCLEAR KNOWLEDGE MANAGEMENT IN STAKEHOLDER COMMUNITIES – A SYNERGETICAL APPROACH**

A. Dreimanis (State Environmental Survey, Radiation Safety Centre) – Latvia