Programme

Legend:

P- plenary F- focus group discussion W- workshop PP- poster presentation S- session D- discussion

A – abstract

Posters in the exibition hall:

- Incorporating values into decisions for both ionising and non-ionising radiation protection: the importance of risk perception and effective communication. (A: PP 1.1.)

 Ray Kemp, Consulting Ltd, UK
- Integration of social sciences and humanities into radiation protection research in the Belgian Nuclear Research Centre (A: PP 1.2.)

Catrinel Turcanu, SCK-CEN, Belgium

- Communicating safety culture within the radiation safety regulatory authority (A: PP 1.3.) Vasiliki Tafili, EEAE, Greece
- Improvements in public awareness and risk perception in benefit of the Romanian Cernavoda CANDU 6 NPP (A: PP 1.4.)

Andrei Razvan Budu, University "Politehnica of Bucharest", Romania

- Communication and information on ionizing radiation as a tool for social consensus around the construction of new repositories for radioactive waste in Poland (A: PP 1.5.)
 Wioleta Olszewska, Institute of Nuclear Chemistry and Technology, Poland
- RENEB biodosimetry network solution to enhance positive radiation perception in the European society (A. PP 1.6.)

Sylwester Sommer, Institute of Nuclear Chemistry and Technology, Poland

 Influence of Mass Media Channels on Health-Related Risk Perception: the case of Fukushima (A: PP 1.7.)

Bart Vyncke, KU Leuven, Belgium

• Effectiveness of nuclear preparedness communicators: Nuclear industry, authorities, scientists (A: *PP 1.8.*)

Edwin Latré, U Antwerpen and SCK•CEN, Belgium

• Influence of public opinion, political elites and mass media on nuclear energy policy: From a literature review to a conceptual framework. (A: PP 1.9.)

Edwin Latré, U Antwerpen and SCK•CEN, Belgium

Sunday June 14, 2015

07:00 - 19:00	Communication networking day (Exploring Slovenia)			
19:00 - 20:30	Registration at the Conference center			
19:00 and 19:30	Shuttle bus in front of the hotel Creina, Kranj to the Conference center			
20:00 - 21:00	Welcome reception at the Brdo Castle (next to the Conference center)			
21:05	Shuttle bus in front of the hotel Brdo to hotel Creina, Kranj			

Monday June 15, 2015 - DAY 1

08:00 Shuttle bus in front of the hotel Creina, Kranj to the Conference center

08:00 - 10:00	Registration
9:00	Shuttle bus in front of the hotel Creina, Kranj to the Conference center
08:30 - 10:00	WELCOME COFFEE

09:00 - 09:45 Pre-meetings Invited only						
GLASS HALL 1	GLASS HALL 2	SPLENDENS HALL				
EAGLE international	EAGLE information source	PREPARE WP6.3 members				
journalist meeting	meeting	PREPARE task group				
Chair: Claire Mays,	Chair: <i>Nadja Železnik,</i>	meeting				
SYMLOG, France	REC, Slovenia	Chair: Iztok Prezelj,				
		UL, Slovenia				

10:00 - 11:00 OPENING OF THE CONFERENCE (Planery No.1)

SPLENDENS HALL

Opening Speech

Bruno Schmitz, Head of Unit for Fission Energy, Directorate-General Research & Innovation, European Commission (A: P 1.1.)

Welcome words

- By Chair of the conference, *Tanja Perko*, SCK•CEN, Belgium Project coordinator **EAGLE** (A: P 1.2.)
- By Sisko Salomaa, STUK on behalf of Jean-Rene Jourdain, IRSN, France Project coordinator **OPERRA** (A: P 1.3.)
- By Wolfgang Raskob, KIT, Germany, Project coordinator **PREPARE** (A:P 1.4.)

SPLENDENS HALL

Innovative integrated tools and platforms for radiological emergency preparedness and post-accident response in Europe: Communication

• Information and participation of the public in a post-accident situation: expert-to-expert interactions and social paths for recovery - insights from the PREPARE European research project (A: P 2.1.)

Stéphane Baudé, Mutadis, France

Traditional media in the context of the Fukushima nuclear accident

• Why and how are mass media important in nuclear emergencies: theory and method for analysis (A: P 2.2.)

Tanja Perko , SCK•CEN, Belgium

• Radiological risks in media: understandable and meaningful? (A: P 2.3.)

Yevgeniya Tomkiv, NMBU, Norway

• Back into the collective memory to communicate about and explain a nuclear accident to the public: Issues and recommendations (A: P 2.4.)

Marie Claire Cantone, UM, Italy

Nuclear emergency management and countermeasures reported in mass media (A: P 2.
 5.)

Eduardo Gallego, UPM, Spain

 Public communication coordination in the case of Fukushima: challenges and recommendations for a nuclear emergency communication (A: P 2.6.)
 Iztok Prezelj, UL, Ljubljana

13:15 - 14:00 LUNCH (Congress center Lobby)

14:00 - 15:45 Reflection group discussion (Plenary No.3)

SPLENDENS HALL

Use of traditional media in the context of the Fukushima nuclear accident

Special guests – journalists who reported from and about Fukushima Facilitator: *Tanja Perko*, SCK• CEN, Belgium

- Junichi Taki, NIKKEI INC., Japan
- Marco Antonio Del Corona, Corriere della Sera, Italy
- Miguel González Corral, El Mundo, Spain
- Julia Raabe, Die Presse, Austria

Reflection from the public

15:45 - 16:05 COFFEE BREAK

16:05 - 17:45 Plenary No.4

Chair: Jaroslav Valuch, Social media consultant, Czech Rep.

SPLENDENS HALL

Social media in the context of the Fukushima nuclear accident, challenges and opportunities in nuclear emergencies

- The role of social media in informing population after the Fukushima disaster in Japan/work on disproving the rumors which appear in social media (A: P 4.1.)

 Ryugo Hayano, The University of Tokyo, Japan
- Safecast Tool for public information and engagement during and after nuclear emergencies (A: P 4.2.)

Azby Brown, Core member and major social media contributor for Safecast, Japan

Social media engagement framework for public health risk communications
 Monika Gehner, WHO, Switzerland (A: P 4.3.)

Q & A discussion

17:55 Shuttle bus in front of the hotel Brdo to hotel Creina, Kranj

18:00 - 19:00 Focus group discussion 1

Invited only

GLASS HALL 2

Framing and counterframing of nuclear technologies - PhD research

PhD candidate: Bart Vyncke, KU Leuven, Institute for Media Studies , Belgium Promoter: Baldwin Van Gorp, KU Leuven, Institute for Media Studies , Belgium Mentor: Tanja Perko, Belgian Nuclear Research Centre, SCK•CEN, Belgium

19:00 - 22:00 Organized transport to **Ljubljana with free time in city center** (departure from the hotel Creina, Kranj at 18.50 and from the hotel Brdo at 19.00)

REGISTRATION at the RICOMET registration desk before 12.00!

19:30 - 22:00 EAGLE Advisory Board Meeting with Management Committee

Invited only

Tuesday June 16, 2015 - DAY 2

07:45 Shuttle bus in front of the hotel Creina, Kranj to the Conference center

08:00 - 09:00 Focus group discussion 2

Invited only

GLASS HALL 2

Framing and counterframing of nuclear technologies - PhD research

PhD candidate: Bart Vyncke, KU Leuven, Institute for Media Studies, Belgium Promoter: Baldwin Van Gorp, KU Leuven, Institute for Media Studies, Belgium Mentor: Tanja Perko, Belgian Nuclear Research Centre, SCK•CEN, Belgium

08:30 Shuttle bus in front of the hotel Creina, Kranj to the Conference center 08:30 - 09:00 WELCOME COFFEE

08:30 - 09:00 Debriefings of day 1 *Invited only* **GLASS HALL 1 GLASS HALL 3 GLASS HALL 4 EAGLE** international **EAGLE** information source PREPARE task group meeting journalist meeting Chair: Iztok Prezeli, meetina Chair: Claire Mays, Chair: Nadja Železnik, UL, Slovenia SYMLOG, France REC, Slovenia

09:00 - 10:45 Use of social media in the context of the Fukushima nuclear accident (Plenary No.5) Chair: *Deborah H. Ougton*, ULS, Norway

SPLENDENS HALL

- Ethical Challenges for Internet Research (A: P 5.1.)
 - Deborah H. Ougton , ULS, Norway
- Social media reporting in the Fukushima crisis (A: P 5.2.)

Jaroslav Valuch, Social media consultant, Czech Republic

• Tweeting about Fukushima: a content analysis of social media use in Norway and Belgium (A: P 5.3.)

Yevgeniya Tomkiv , NMBU, Norway

• Reflection on social media role in nuclear and radiological emergencies: Facilitated discussion with audience and special guests (A: P 5.4.)

Deborah H. Ougton, NMBU, Norway

Special guests:

- Ryugo Hayano, The University of Tokyo, Japan
- Azby Brown, core member and major social media contributor for Safecast, Japan
- Monika Gehner, WHO, Switzerland
- Genevieve Baumont, IRSN, France

10:45 - 11:15 Brief oral presentations of posters (5 min each poster)

Chair: Ilma Choffel de Witte, IRSN, France

SPLENDENS HALL

- Incorporating values into decisions for both ionising and non-ionising radiation protection: the importance of risk perception and effective communication

 Ray Kemp, Consulting Ltd, UK (A: PP 1.1.)
- Integration of social sciences and humanities into radiation protection research in the Belgian Nuclear Research Centre

Catrinel Turcanu, SCK·CEN, Belgium (A: PP 1.2.)

- Communicating safety culture within the radiation safety regulatory authority Vasiliki Tafili, EEAE, Greece (A: PP 1.3.)
- Improvements in public awareness and risk perception in benefit of the Romanian Cernavoda CANDU 6 NPP (A: PP 1.4.)
 Andrei Razvan Budu, University "Politehnica of Bucharest", Romania
- Communication and information on ionizing radiation as a tool for social consensus around the construction of new repositories for radioactive waste in Poland (A: PP 1.5.)
 Wioleta Olszewska, Institute of Nuclear Chemistry and Technology, Poland
- RENEB biodosimetry network solution to enhance positive radiation perception in the European society (A: PP 1.6.)

Sylwester Sommer, Institute of Nuclear Chemistry and Technology, Poland

 Influence of Mass Media Channels on Health-Related Risk Perception: the case of Fukushima (A: PP 1.7.)

Bart Vyncke, KU Leuven, Belgium

11:15 - 11:30 COFFEE BREAK AND POSTER SESSION

11:30 - 12:30 Round table: Dialogues with journalists reporting about ionising radiation issues in general (not only emergencies) Chair: Claire Mays, SYMLOG, France

SPLENDENS HALL

Results of discussions with journalists from Poland, Slovenia, Romania and France reporting about ionizing radiation (A: P 6.1.)

- Grazyna Zakrzewska, INCT, Poland
- Irena Daris, ARAO, Slovenia
- Daniela Diaconu, INR, Romania
- Claire Mays, SYMLOG, France

Reflection from special guests: journalists reporting about ionizing radiation

Facilitated by Claire Mays, SYMLOG, France

- Julia Raabe, Die Presse, Austria
- Peter Rickwood, Atomic Reporters, Austria
- Etienne Collomb, Agence K-minos, France
- Barbara Vignaux, Cité des sciences et de l'industrie, France
- Marco Antonio Del Corona, Corriere della Sera, Italy
- · Yunichi Taki, Nikkei Inc., Japan
- Jacek Zyck, Åšrodowisko, Press, Poland
- Stanislaw Latek, Postepy Techniki Jadrowej, Poland
- · Wiktor Niedzicki, Polskie Radio, Poland
- Ghiulfer Predescu, Evenimentul Zilei, Romania
- George Daniel Coman, Romania TV, Romania
- Renata Dacinger, RTV Slovenija, Slovenia
- Sašo Avsec, Mladinska knjiga, Slovenia
- Anja Čuček, RTV Slovenija, Slovenia
- · Maruša Mavsar, Zavod Neviodunum, Posavski obzornik, Slovenia
- Gregor Pucelj, DELO, Slovenia
- Miguel González Corral, El Mundo, Spain

12:30 - 13:30 LUNCH (Congress Centre Lobby)

13:30 - 15:00 Focus /breakout group discussions/round table				
GLASS HALL 1	GLASS HALL 3	SPLENDENS HALL		
(Participants of the	(Participants of the	(Slovenian – English translation provided)		
conference)	conference)			
		Public understanding of ionizing radiation,		
Quality of information,	Quality information,	challenges and solutions (Group D 3)		
the role and process of	the role and process of	Chair: Milena Marega, REC, Slovenia		
mass media in public	mass media in	Co-chair: Gregor Pucelj, DELO, Slovenia		
information in the	reporting of risks and			
context of <u>emergency and</u>	benefits of ionizing	Recipients of the information: Informed decision		
post-emergency (Group D	radiation in daily life	making process related to ionizing radiation (A: D		
1)	(Group D 2)	3.1.)		
Chair: Deborah H. Oughton,	Chair: Claire Mays ,	Daniela Diaconu, INR, Romania		
NMBU, Norway	SYMLOG, France			
Co-chair: Marco Antonio Del	Co-chair: Peter	Presentation of mental model research in		
Corona, Corriere della Sera,	Rickwood, Atomic	Slovenia, Poland, France and Romania (A: D 3.2.)		
Italy	Reporters, Austria	Nadja Železnik, REC, Slovenia		
. .	. .			
Discussion,	Discussion,	Discussion about what are the effects of the		
recommendations and	recommendations and	mental models for information sources and media		
conclusions	conclusions	(A: D 3.3.)		
		Special guests: Marko Polič, UL, Slovenia; Marjan		
		Tkavc, URSJV, (Nuclear safety authorities),		
		Slovenia; <i>Lidija Živčič</i> , FOCUS, NGO, Slovenia;		
		Gregor Pucelj, scientific editor DELO, Slovenia		

15:30 - 16:30 Reporting from groups D1, D2, D3 (Planery No.7)

Chairs: Iztok Prezelj, UL, Slovenia and Daniela Diaconu, INR, Romania

SPLENDENS HALL

Reporting from group: **Quality of information, the role and process of mass media in public information in the context of <u>emergency and post-emergency</u>** (Reporting from group D1)

**Marco Antonio Del Corona, Corriere della Sera, Italy and **Deborah H.Oughton, NMBU, Norway

Quality information, the role and process of mass media in reporting of risks and benefits of ionizing radiation in <u>daily life</u> (Reporting from group D2)

Peter Rickwood, Atomic Reporters, Austria and Claire Mays, SYMLOG, France

Public understanding of ionizing radiation, challenges and solutions (Reporting from group D3) *Gregor Pucelj*, DELO, Slovenia and *Milena Marega*, REC, Slovenia

Reflections from the audience and summary

16:30 - 18:00 Round table: Future European research agenda for communication, risk perception and ethics in radiological protection

Chair: Sisko Salomaa, STUK, Finland

SPLENDENS HALL

- We are decision makers: Our influence on European research agenda: EC calls for research in radiation protection from the field of risk perception, communication and ethics (A: P 8.1.) Jean-Rene Jourdain, IRSN, France
- Introduction to the way Strategic Research Agendas are developed and updated in the project CONCERT (A: P 8.2.)

Sisko Salomaa, STUK, Finland

- Priority setting and roadmap development in radiation protection research in CONCERT: integration of ethical reflections, social sciences and humanities in the future research programmes (A: P 8.3.)

 Nathalie Impens, SCK•CEN, Belgium
- Overview of Collected Research Topics from the Fields of Risk Communication and Risk Perception
 of Ionising Radiation and the Ethics of Radiological Protection for Future EU Research Agenda by
 OPERRA Questionnaire and Workshops (A:P 8.4)

Tanja Perko, SCK•CEN, Belgium

Discussion and collecting new ideas from the audience

16:30 - 17:30 Focus group discussion 3

Invited only

GLASS HALL 2

Framing and counterframing of nuclear technologies - PhD research

PhD candidate: Bart Vyncke, KU Leuven, Institute for Media Studies , Belgium Promoter: Baldwin Van Gorp, KU Leuven, Institute for Media Studies , Belgium Mentor: Tanja Perko, Belgian Nuclear Research Centre, SCK•CEN, Belgium

Departure of the bus at the conference center to go back to the hotel Creina Kranj – for those who will not participate in the guided tour in the park

18:05 - 19:00 Guided tour in the park (For those who decided to do this)

18:40

Bus will pick you up at the hotel Creina to take you to the conference barbeque

19:00 – 21:30 Conference barbeque (Park BRDO, 5 min waking distance from the conference center)

21:45

Departure of the bus at the conference center to go back to the hotel Creina Kranj

Wednesday June 17, 2015 - DAY 3

08:00

Shuttle bus in front of the hotel Creina, Kranj to the Conference center

08:30 - 10:30 Research in the field of Risk Percention, Communication and Ethics

related to Radiological Protection (4 Parallel Sessions)							
GLASS HALL 1	GLASS HALL 3	GLASS HALL 4					
Session 1:	Session 2:	Session 3: (8:30-9.30)					
Education, training and	Communication about nuclear	Communication and risks					
information on ionizing	energy	perceptions in radiation					
radiation	Chair: Gaston Meskens, SCK•CEN,	protection in medicine					
Chair: Pavel Gabriel Lazaro , UB,	Belgium	Chair: Marie Claire Cantone, UM,					
Romania	-	Italy					
	Monitoring the complexities:	_					
Educational experiment with	Nuclear power and public opinion	The radiology informed consent					
active participation of teachers	(A: S 2.1.)	form: recommendations from					
and students in the field of	Vilma Luoma-aho, University of	European Society of cardiology (A:					
natural radioactivity and radon	Jyväskylä, Finland	S 3.1.)					
exposure (A: S 1.1.)		Clara Carpeggiani, Eugenio					
Genevieve Baumont, IRSN, France	The ethical issues of nuclear	Picano, CNR Institute of clinical					
	energy industry (A: S 2.2.)	Physiology, Italy					
What happens when citizens start	Hayrettin Kilic,						
to measure radiation in the	Turunch Foundation, NGO, USA	Use of ionising radiation for					
environment? (A: S 1.2.)		medical purposes: what is the risk					
Valéry Bordois and Gaël Alkan,	Media about Polish nuclear power	perception of hospital personnel?					
Lycée de Presles, France	programme (A: S 2.3.)	(A: S 3.2.)					
	Stanisław Latek, Nuclear	Catrinel Turcanu, SCK•CEN,					
What do institutions which take	Technology Institute of Nuclear	Belgium					
advantage of ionizing radiation	Chemistry and Technology,						
want to tell the public (A: S 1.3.)	Poland	S 3.3. Low doses of radiation – hot					
Metka Kralj, ARAO, Slovenia		spot in dose perception and					
	A review of the Generic Design	radiological protection (A: S 3.3.)					
Integrated approach of	Assessment (GDA) dialogue pilot	Sylwester Sommer, Institute of					
communication by a radiation	(2015) for new nuclear build in	Nuclear Chemistry and					
safety regulatory authority (A: S	Anglesey, UK: lessons for	Technology, Poland					
1.4.)	engagement practice,						
Vasiliki Tafili, EEAE, Greece	contributing to a theory of social	Session 4 (9.30 – 10.30)					
Diek communication in nuclear	sustainability for local	Communication and					
Risk communication in nuclear	communities (A: S 2.4.)	stakeholder involvement in					
sector – where are the limits of	John Whitton,	waste management and					

access to information (A: S 1.5.) Borut Stražišar, ARAO, Slovenia

Satisfaction with the information about ionising radiation: a crosscultural study in Belgium and France (A: S 1.6.) Catrinel Turcanu, SCK•CEN, Belgium

University of Central Lancashire, UK

Illicit nuclear materials incineration in Izmir, Turkey (A: S

Hülya Yılmaz,Özer Akdemir EGE-CEP Foundation, Turkey

Nuclear fission: Economically sound or inherently unsafe? Theoretical background on and overview of the framing of nuclear fission (A: S 2.6.) Bart Vyncke, KU Leuven, Belgium

decommissioning

Chair: Marie Pierre Bigot, IRSN, France

Stakeholder involvement and communication in environmental remediation and decommissioning – a driving force for enabling a successful implementation (A: S 4.1.) Horst Monken-Fernandes, IAEA, Austria

Oversight of a deep geological repository: demands and expectations from local communities (A: S 4.2.) Meritxell Martell, Spain and Claudio Pescatore, NEA, France

Interdisciplinary perspectives on dose limits in radimarcooactive waste management: a research paper developed within the ENTRIA project (A: S 4.3.) Klaus Jürgen Röhlig, Institut für Endlagerforschung TU Clausthal, Germany

10:30 - 10:50 COFFEE BREAK AND POSTER SESSION

10:50 - 12:30 Research in the field of Risk Perception, Communication and Ethics related to Radiological Protection (2 Parallel Sessions)

GLASS HALL 1

GLASS HALL 3

Session 5: (10:50 - 12:45)

Communication in nuclear emergency

Chair: Catrinel Turcanu, SCK•CEN, Belgium

Communicating about risk following a nuclear incident (A: S 5.1.)

Robin Goodwin, University of Warwick, UK

Dealing with uncertainty: involving citizens in emergency planning in a nuclear municipality (A: S

Marlies Verhaegen, UAntwerp, Belgium

Right to accurate information in nuclear events – do we need a new codex? (A: S 5.3.) Borut Stražišar, ARAO, Slovenia

Session 6:

Perception of ionizing radiation risks

Chair: Grazyna Zakrzewska, INCT, Poland

Why nuclear engineer should not complain about skewed risk perception (A: S 6.1.) Iztok Tiselj, Jožef Stefan Institute, Slovenia

Public Perception on Education and Information about the Ionizing Radiation Across the EU (A: S 6.2.) Pavel Gabriel Lazaro, UB, Romania

Towards improved public perception of nuclear safety through strengthened role of research and higher education (A: S 6.3.) Leon Cizelj, Jožef Stefan Institute, Slovenia

Evacuation in the Case of Nuclear Disaster: Research Findings on Planning and Communication (A: S 5.4.) *Jelena Juvan*, University Ljubljana, Slovenia

Emergency preparedness and response provision in Europe: findings and recommendations of Nuclear Transparency Watch (A: S 5.5.)

Nadja Železnik, REC, Slovenia

Eagle findings related to communication and stakeholder involvement in nuclear and radiological emergencies (A: S 5.6.)

Daniela Diaconu, INR, Romania

Communication of risk and public perception during Fukushima crisis in a European non-nuclear country: experts, non-experts and media (A: S 6.4.) *Isabel Paiva*, IST/CTN, Portugal

Myths and reality about risks related to radiation exposure subtitle: a practical approach to science-based communication about ionising radiation without reinforcing the radiation myths (A: S 6.5.) *Tomaž Žagar,* ARAO, Slovenia

12:30 - 13:30 LUNCH (Congress center lobby)

13:30 - 15:30 Workshop: The meaning of ethics for radiological protection research and research policy Chairs: Gaston Meskens, SCK•CEN & University of Ghent, Belgium; Friedo Zölzer, University of South Bohemia in České Budějovice, Czech Republic

SPLENDENS HALL

- The meaning of ethics for radiological protection research and research policy (A: W 1.1.)

 Gaston Meskens, SCK•CEN & Centre for Ethics and Value Inquiry, University of Ghent,
 Belgium
- Ethics, Uncertainty and The Culture of Radiation Protection in Medicine (A: W 1.2.)

 Jim Malone, Robert Boyle Professor (Emeritus) of Medical Physics, Trinity College, Ireland
- How to deal with uncertainty? Stocking the toolbox. (A: W 1.3.)
 Laszlo Kosolosky, Centre for Logic and Philosophy of Science, University of Ghent, Belgium

Followed by a discussion with the audience

15:30 - 16:45 **Closing plenary**

Chairs: Tanja Perko, SCK•CEN, Belgium; Wolfgang Raskob, KIT, Germany

SPLENDENS HALL

Summary and conclusions of RICOMET by all chairs (5 minutes each)

- What have we learnt from the process over these three days?
- What do we think are the key challenges to take forward?
- What do we think are the key recommendations/solutions?

Closing

16:45 - 17:00 FAREWELL COFFEE

17:15 Shuttle bus to the hotel Creina, Kranj

Thursday June 18, 2015 – Project meetings

8.30 – 13.00 - EAGLE consortium meeting	GLASS HALL 1
9.00 - 17.00 - PREPARE task 6.3 meeting	GLASS HALL 2

13.00 - Lunch, Hotel Brdo, garden (EAGLE & PREPARE)