



in cooperation with the International Atomic Energy Agency



and



KNOWLEDGE MANAGEMENT: A KEY ELEMENT TO ASSURE NUCLEAR SAFETY

INTERNATIONAL CONFERENCE "ATOMS FOR PEACE" 2012



Rome, April 16-18, 2012

KNOWLEDGE MANAGEMENT: A KEY ELEMENT TO ASSURE NUCLEAR SAFETY

DAY 1 - APRIL, 16 2012

9:30 - Welcome Coffee

SESSION 1 - 10:30-12:30 - Welcome Addresses, Institutional and Introductory speeches

Conference Chairman: **Yanko Yanev (NKMI)**

Ministero dello Sviluppo Economico - Ministero dell'Ambiente - Regione Lazio - Provincia di Roma - Comune di Roma - Raffaele Bonanni, Cisl - Luigi Cal, ILO - Maria Romana De Gasperi, AFP Laureate - Vincenzo Pepe, Fareambiente - Giuseppe Rotunno, Comitato per una Civiltà dell'Amore - Amedeo Scornaienchi, Ambiente e Società.

13:00-14:00 Buffet Lunch

SESSION 2a - 14:00-15:45 - Nuclear Safety: where we are after Fukushima

Session Chairman: **André Maisseu (WONUC)**

- **Yanko Yanev (NKMI):** *Managing knowledge from major nuclear accidents: the lesson learned*
- **Tetsuo Sawada (IISP / Tokyo Institute of Technology):** *Fukushima lesson learned and the new priorities: worldwide harmonization of the regulations, how safe is safe enough, nuclear power sustainability, non proliferation, safety culture*
- **William Riley (IBEW):** *Nuclear Energy in the USA in the aftermath of Fukushima*
- **Liu Xuelin (Hankuk University):** *Nuclear knowledge flow triggered by accident: network approach*
- **Kaushala Prasad Mishra (Nehru Gram Bharati University):** *Fukushima Disaster and lessons learned: Indian Scenario of technical and public challenges*

15:45-16:15 - Coffee Break

SESSION 2b - 16:15-17:30 - Nuclear Law: current framework, issues and perspectives

Session Chairman: **Atanas Semov (European Law Institute)**

- **Ivan Stoynev (Sofia University):** *Nuclear Risk Management: Legal framework*
- **Mohit Abraham (PXV):** *Emerging Civil Nuclear Energy Liability Regime: the case of India's Civil Nuclear Liability Law*
- **Slobodan Jovanovic (University of Montenegro):** *Nuclear Law Vs. Nuclear Knowledge & Competence: Egg or Chicken?*

SESSION 3 - 09:00-12:45 - Nuclear Industry: the need for Outreach

Session Chairman: **Davide Tabarelli** (Nomisma Energia)

- **Claudio Pescatore** (OECD/NEA): *Competence building on the local level from the KM perspective*
- **Carlo Meazzi** (FLAEL-Cisl): *The point of view of the stakeholders: the Workers*
- **Wang Xingquan** (Shanghai Academy of Social Sciences): *Nuclear Knowledge in the neo-internet age*

10:45 - Coffee Break

- **Zhao Fuchun** (Shanghai Academy of Social Sciences): *Trust building under the background of cloud computing - The case of nuclear information*
- **Claudio Pescatore** (OECD/NEA): *KM demands from regional/local Authorities as acceptance criteria for a repository*
- **Ivo Tripputi** (SOGIN): *Italian waste management strategies*

13:00 Buffet Lunch

SESSION 4 -14:00-17:30 - Human Resources: Safety, Training, Retraining and Qualification

Session Chairman: **Slobodan Jovanovic** (University of Montenegro)

- **Arturo Delfin Loya** (NINRM): *The lack of qualified people in the Mexican nuclear industry and in the institutions*
- **Dmitry Leonov** (National Research Nuclear University MEPhI): *National Research Nuclear University MEPhI experience in training and retraining of qualified specialists for the Nuclear Industry of Russia*
- **William Riley** (IBEW): *Union training program in the USA*

15:30 Coffee Break

- **Luca Perrone** (SOGIN): *Qualification of the supply chain: Sogin experience*
- **Marco De Giuli** (FLAEL-Cisl): *The role of the Unions in fostering Safety Culture*
- **André Maisseu** (WONUC): *Is there a need for protection against exposure to low level ionizing radiations?*

20.00 Cena di gala

SESSION 5 - 09:00-12:45 - Knowledge Management, Nuclear Safety and System Management

Session Chairman: **Wang Xingquan** (Shanghai Academy of Social Sciences)

- **Tatiana Karseka** (IAEA): *Improving Safety Culture through Knowledge Management in Nuclear Organizations*
- **Andreas Brandner** (NKMI): *Why KM may be an issue for the Nuclear Industry: good and bad examples*
- **Walter Ambrosini** (ENEN): *The ENEN Association: E&T in Europe in the Nuclear Field*
- **Angelo Papa** (Commissione Nucleare Ordine Ingegneri Roma): *Operational and Decommissioning safety*

10:45-11:15 - Coffee Break

- **André Maisseu** (WONUC): *Nuclear energy: white lie and painful truth*
- **Kaushala Prasad Mishra** (Nehru Gram Bharati University): *How to assure personnel qualification in non-power applications of radiation*
- **Anna Giovanetti** (ENEA): *Is LNT model still valid for the low doses range?*

13:00 Buffet Lunch

SESSION 6 - 14:00-16:00 - Round table

Session Chairman: **Angelo Papa** (Commissione Nucleare Ordine Ingegneri Roma)

- **Andreas Brandner**, NKMI
- **Carlo De Masi**, FLAEI-CISL
- **Slobodan Jovanovic**, University of Montenegro
- **Tatiana Karseka**, IAEA
- **André Maisseu**, WONUC
- **Giuseppe Nucci**, SOGIN
- **Claudio Pescatore**, OECD/NEA
- **Atanas Semov**, European Law Institute
- **Davide Tabarelli**, Nomisma Energia
- **Wang Xingquan**, Shanghai Academy of Social Science
- **Yanko Yanev**, Conference Chairman

CONCLUSIONS - 16:00-17:00 Conference

Chairman: **Yanko Yanev** (NKMI)

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