



**Post-FISA 2009 Workshop**  
**organized by the European Nuclear Education Network Association**  
**“Integration of nuclear education and training:**  
**common needs, EU vision and implementation instruments”**  
**Prague, Czech Republic, 25 June 2009 at 9-16h**

## 1 Objective

In connection with the FISA 2009 – Seventh European Commission conference on Euratom research and training in reactor systems in 22-24 June 2009 the European Nuclear Education Network (ENEN) Association is organizing a Post-FISA 2009 Workshop titled “Integration of nuclear education and training: common needs, EU vision and implementation instruments”.

Nuclear education and training covers all sectors of nuclear fission and radiation protection, that is: nuclear engineering, fuel cycle, waste management (including underground waste repositories), radiation protection, industrial and medical applications of ionizing radiation, environmental impact and emergency management.

The objectives of this workshop are:

- to report on planned and implemented actions to respond to the needs of future employers in terms of qualified staff at all levels
- to exchange views and information between universities, research institutions, training organizations, industries and any other End-Users regarding European and international programs and future plans in order to further meet the needs of the nuclear sector
- to discuss the development of a European framework for mutual recognition in nuclear E&T, such as a “European training passport”, and of a common vision for cooperation beyond the EU
- to identify actions to be taken

## 2 Agenda

Opening remarks Joseph Safieh, ENEN President

*Chair: Joseph Safieh, ENEN and George Van Goethem, European Commission*

### Session1 NUCLEAR TRAINING IN THE EUROPEAN UNION

- 1.1 Introduction to the incentives and the spirit of European Fission Training Schemes  
George Van Goethem, European Commission
- 1.2 Expectations of the future employers from the EFTS projects
  - 1.2.1 ENEN III Christian Schoenfelder, Areva
  - 1.2.2 ENETRAP II Michèle Coeck, SCKCEN
  - 1.2.3 PETRUS II Marjatta Palmu, Posiva

### Session2 NUCLEAR EDUCATION IN THE EUROPEAN UNION

- 2.1 Achievements by the academia with interaction with the future employers
  - 2.1.1 First Experiences with the Joint EPFL-ETHZ Master of Science in Nuclear Engineering  
Rakesh Chawla, EPFL
  - 2.1.2 New Master program in nuclear engineering Joseph Safieh, CEA/INSTN



- 2.1.3 European Masters degree in Radiation Protection (EMRP)  
Jacques Balosso, University Joseph Fourier (UJF) – Grenoble
- 2.1.4 Waste Management experience in Education with interaction with the future employers  
Marjatta Palmu, Posiva, and Neil Chapman, ITC
- 2.2 Achievements by the future employers with interaction with the academia
- 2.2.1 Skills renewal in the Nuclear Industry, an industrialist's point of view  
Michel Bonnet, EDF
- 2.2.2 Experience and plan of Areva  
Christian Schoenfelder, Areva

#### Round table discussion 1

*Lunch break*

#### Session 3 INTERNATIONAL PERSPECTIVES and NETWORKS

- 3.1 Building International cooperation - Needs and achievements on nuclear E&T
- 3.1.1 Russia  
Vladimir V. Artisyuk, CICET
- 3.1.2 China  
Xiao Wu, Graduate School of CNNC
- 3.1.3 United States  
Gilbert J. Brown, University of Massachusetts Lowell
- 3.2 IAEA Assistance for the Development of a National Infrastructure for Nuclear Power  
Thomas Mazour, IAEA

#### Round table discussion 2

Conclusion and closing remarks Peter Paul De Regge, ENEN Project Manager

### **3 Date and venue**

Date: Thursday 25<sup>th</sup> June 2009 at 9-16h

Venue: Corinthia Towers Hotel  
Kongresová 1 CZ-140 69 Prague 4, Czech Republic  
Website: <http://towers.corinthia.cz/hotel/en/hotel-location>

FISA 2009 website [http://cordis.europa.eu/fp7/euratom-fission/fisa2009\\_en.html](http://cordis.europa.eu/fp7/euratom-fission/fisa2009_en.html)

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