

## Programme of 12th IEMPT

### 24 Sept. 2012

16:00 Registration

**18:00 Welcome cocktail**

19:00 End of registration and cocktail

### 25 Sept. 2012

#### Opening session

*Opening of the meeting (J. Uhlir)*

9:00 *Welcome address (I. Jukl – General Director of Economical Section, Ministry of Foreign Affairs of the Czech Republic)*

*Welcome address (Th. Dujardin – Acting Deputy Director General of NEA)*

#### Session I: International and National programmes

9:10 [USA](#)

P. Lyons

9:40 [NEA](#)

Th. Dujardin

10:00 [EC](#)

D. Haas

10:20 [France](#)

D. Warin

**10:40 --- Coffee break ---**

11:10 [Japan](#)

Kazufumi Tsujimoto

11:30 [Russia](#)

M. Kormilitsyn

11:50 [Korea](#)

S-W. Kwon

12:10 [United Kingdom](#)

R. Taylor

12:30 [Czech Republic](#)

J. Uhlir

12:50 *Address of P. Solc – Deputy Minister of Industry and Trade of the Czech Republic*

**13:00 --- Time for lunch (13:00 – 14:30) ---**

#### Session II: Fuel cycle strategies and transition scenarios

14:30 [Scenarios for MA transmutation](#)

C. Coquelet (France)

14:55 [Westinghouse's Fuel Cycle Strategy](#)

F. Franceschini (USA)

15:20 [Scenario for Closing Nuclear Power Generation](#)

K. Nishihara (Japan)

**15:45 --- Coffee break ---**

16:15 [Systematic Comparison of Fuel Cycle Options](#)

T. Kim (USA)

16:40 [Multinat. approach to the back-end fuel cycle](#)

H. Noh (Korea)

17:05 [Impact of data uncertaint. on closed fuel cycle](#)

V. Romanello (Germany)

17:30 [The INPRO GAINS Collaborative Project](#)

B. Dixon (USA)

18:00 --- Meeting adjourned ---

**19:00 Dinner (Ambassador - restaurant "Halali")**

## 26 Sept. 2012

### Session III: Impact of P&T on geological disposal

- 8:30 [Impact of MA transm. options on storage](#)  
C. Chabert (France)
- 8:55 [Infl. of alternat. fuel cycles on disposal uncert.](#)  
M. Nutt (USA)

### Session IV: Transm. Syst.: design, perform. and safety

- 9:20 [Progress of the MYRRHA project](#)  
D. De Bruyn (Belgium)
- 9:45 [Analysis of minor actinide incineration](#)  
B. Vezzoni (Germany)

**10:10 --- Coffee break ---**

### Session V: Pyro and aqueous separation processes

- 10:40 [P&T related activities in CRIEPI](#)  
M. Iizuka (Japan)
- 11:05 [Co-processing of actinides in fuel cycles](#)  
J-P. Glatz (EC)
- 11:30 [The EURATOM collaborative ACSEPT project](#)  
S. Bourg (France)
- 11:55 [Reprocessing of spent nitride fuel](#)  
T. Satoh (Japan)

**12:30 --- Time for lunch (12:30 – 14:00) ---**

### Session VI: Transmutation fuels and targets

- 14:00 [MARIOS exp. on MA Bearing Blanket concept](#)  
E. D'Agata (EC)
- 14:25 [Qualification of MA fuels for fast reactor](#)  
N. Chauvin (France)

### Poster session with cocktail (Ambassador – Embassy room and Halali restaurant)

17:00

## 27 Sept. 2012

### Session VI: Transmutation fuels and targets (cont.)

- 8:30 [Metallic fuels for actinide transmutation](#)  
R. Kennedy (USA)
- 8:55 [New process for dense U-Am-ox fuel fabr.](#)  
F. Lebreton (France)
- 9:20 [Microwave gelation](#)  
C. Cozzo (Switzerland)
- 9:45 --- Coffee break ---**

### Session VII: Transm. physics, experim. and nuclear data

- 10:15 [Material compat. and salt chemistry control](#)  
V. Ignatiev (Russia)
- 10:40 [NEA group on integr. exp. for MA management](#)  
S. Okajima (Japan)
- 11:05 [Impact of Thorium recovery fraction](#)  
B. Petrovic (USA)
- 11:30 [J-Parc transmutation exp. Facility](#)  
T. Sasa (Japan)

**12:30 --- Time for lunch (12:30 – 14:00) ---**

### Session VIII: Economics of P&T

- 14:00 [Status of the EC project ARCAS](#)  
V. Romanello (Germany)

14:30 [Nuclear Energy System Cost Modeling](#)  
B. Dixon (USA)

**15:00 --- Coffee break ---**

### **Summary session**

15:30 Session chair summaries

16:15 General discussion, **Invitation to 13<sup>th</sup> IEMPT (2014)**

17:00 --- Meeting adjourned ---