

## **Session Program**

**May 11 - 16, 2014**



## **RadChem 2014**

### ***Poster Session - Radiation Chemistry***

Casino Conference Centre

Reitenbergerova 4/95, Mariánská Lázeň, Pilsen, Czech Republic <font color=white>

# Tue, May 13

5:15 PM

## Poster Session - Radiation Chemistry

**Poster Session** |

**Location:** Casino Conference Centre, Reitenbergerova 4/95, Mariánské Lázně, Czech Republic

**Approach of evaluation of influence of gamma and UV radiation on microorganisms in presence of some scavengers of OH radicals.**

**Speaker**

Mr Jaroslav Červenák

**Containment surface interactions of gaseous elemental iodine and ruthenium tetroxide during severe nuclear accidents in LWRs**

**Speaker**

Mr Ivan Kaján

**Natural metamict minerals as analogues of aged nuclear ceramic waste forms**

**Speaker**

Mrs Qiuxiang Cao

**Radiation Stability of Hydrocarbon Diluents of TBP in Two Phase System Used in SNF Reprocessing**

**Speaker**

Dr Elena Belova

**Radiolysis of Frozen Aqueous Solution of Methanol**

**Speaker**

Prof. Sergio Ramos-Bernal

**Radiation Stability of CyMe<sub>4</sub>-BTBP and CyMe<sub>4</sub>-BTPPhen in their Solutions in Cyclohexanone-based Diluents**

**Speaker**

Jana Sočuvková

**Stability Under Irradiation of Some Aminoacids**

**Speaker**

Dr Alicia Negrón-Mendoza

**Thiacalix[4]arenes: radiation stability and Eu/Am extraction in synergistic systems with COSANs**

**Speaker**

Irena Špendlíková

**Time programming of mechanical and electronic properties of materials via self-irradiation phenomena : a theoretical study.**

**Speaker**

Dr Valeriy Luchnikov

**Chemical evolution studies: The radiation chemistry and thermal decomposition of malonic acid**

**Speaker**

Dr Alicia Negron-Mendoza

**Redox Behavior of Neptunium in Irradiated Aqueous Solutions of Nitric Acid in Presence of an Extracting Organic Phase**

**Speaker**

Dr Martin Precek

**COMPUTER SIMULATION OF DIFFUSION, ADSORPTION, DESORPTION, AND  $\beta$  - DECAY OF  $^{89}\text{Br}$  ON THE TUNGSTEN SURFACE**

**Speaker**

Mr Andrei Androsof

6:45 PM