

Session 4:

NUCLEAR & PHYSICAL ENGINEERING

Chairperson: doc. Ing. Gabriel Farkas, PhD.

08:30 - 10:30

1. **POSITRON LIFETIME AND TRANSMISSION ELECTRON MICROSCOPY STUDY OF EP450 ODS STEEL**

Iveta Bartošová, Mária Dománková, Vladimír Slugeň

2. **EVALUATION OF AN EXPOSURE OF THE WORKERS DURING MELTING OF METALLIC RADIOACTIVE WASTE ARISEN FROM THE DECOMMISSIONING OF NUCLEAR POWER PLANTS**

Andrej Slimák, Vladimír Nečas

3. **POSSIBLE END STATES OF MATERIALS ARISEN FROM DISMANTLING OF STEAM GENERATOR**

Martin Hornáček, Vladimír Nečas

Coffee Break

4. **CF LIBS - ANALYTICAL METHOD USED FOR THIN AMORPHOUS RIBBONS ANALYSIS**

M. Pribula, M. Hornáčková, J. Plavčan, P. Veis

5. **LASER INDUCED BREAKDOWN SPECTROSCOPY COUPLED WITH NEURAL NETWORKS FOR THE IDENTIFICATION OF BIOLOGICAL TISSUES**

J. Holá, S. Moncayo, M. Suchoňová, J. Bočková, J. O. Caceres, K. Babinska, M. Kopáni, P. Veis