

**RERTR-2007 International Meeting on Reduced Enrichment for Research and Test Reactors**  
Prague, Czech Republic, September 23 - 27, 2007

**PROGRAM: Thursday - Sep. 27, 2007 | Friday - Sep. 28, 2007**

Session	Session Title	Time	Paper Title	Authors
<b>Thursday Meeting Room: Prague Ballroom</b>				
<b>14</b>	<b>Conversion Analysis - Part 3</b> <i>Co-Chairs: J. C. McKibben, S. Jonah</i>	<b>8:00 a.m.</b>	1 Results of Transient/Accident Analysis for the HEU, First Mixed HEU-LEU, and for the First Full LEU Cores of the WWR-SM Reactor at INP AS Ruz	S. Baytelesov, A. Dosimbaev, F. Kungurov, U. Salikhbaev
			2 Investigation of Approximations in Thermal-Hydraulic Modeling of Core Conversions	P.L. Garner, N. A. Hanan
			3 Comparative Assessment of Nuclear Criticality and Neutronic Performance Indicators of 12.1% Enriched LEU UO <sub>2</sub> Fuels for Conversion of the Ghana MNSR Facility	S. Anim-Sampong, J. Liaw, J. Matos, B. Maakuu, G. Banini, A. Andam, E. Amponsah-Amoako, S. Attakorah, I. Lawson, R. Sogbadji, G. Quao
			4 Calculations of MARIA Reactor Using REBUS and MCNP Codes	K.J. Andrzejewski, T.A. Kulikowska, Z.E. Marcinkowska, W. Mieszczzenko, K.M. Pytel, N. Hanan
			5 Fuel Management for Research Reactors in the Czech Republic	J. Kysela, J. Rychucky, V. Rypar, K. Matejka, L. Sklenka
<b>Coffee Break and Refreshments</b>				
<b>15</b>	<b>Fuel Development - Part 4</b> <i>Co-Chairs: D. Keiser, A. Leenaers</i>	<b>10:30 a.m.</b>	1 Post Irradiation Analysis of RERTR-7A, 7B, and RERTR-8 Tests	G. Hofman
			2 Production and Characterization of Atomized U-Mo Powder by the Rotating Electrode Process	C. Clark, B. Muntifering, J. Jue, M. Chapple
			3 Phase Stability of U-Mo Ti Alloys and Interdiffusion Behaviours of U-Mo-Ti/Al-Si	J. M. Park, H. Ryu, J. S. Park, S. Oh, C. Kim, Y. S. Kim, G. Hofman
			4 Results of PIE of Experimental (U-Mo)-Based LEU Dispersed Fuel Compositions	A. Vatulin, I. Dobrikova, V. Suprun, Y. Petrov, Y. Trifonov, V. Alexandrov, A. Izhutov, A. A. Novoselov, V. Starkov, V. Shishin, V. Yakovlev
<b>Lunch The Loretta Dining Room (Second Floor)</b>				
<b>16</b>	<b>Conversion Analysis - Part 4</b> <i>Co-Chairs: T. Newton, S. Belousov</i>	<b>1:00 p.m.</b>	1 Fundamental Approach to TRIGA Steady State Thermal-Hydraulic CHF Analysis	E. Feldman
			2 MNSR Transient Analyses and ThermalHydraulic Safety Margins for HEU and LEU Cores Using PARET	A. Olson, S. Jonah
			3 Consequences of Potential Radiation Accident in the WWR-K Reactor at Life Test of LTA with Low-Enriched Fuel	F. Arinkin, P. Chakrov, L. Chekushina, Sh. Gizatulin, S. Koltochnik, N. Romanova, A. Tuleushev, A. Shaimerdenov
			4 Optimization from Core to Experiment - Using Monte Carlo Computer Codes for the Conversion of High Flux Neutron Sources	M. Englert
<b>17</b>	<b>Fuel Development - Part 5</b> <i>Co-Chairs: C. K. Kim, D. Wachs</i>	<b>2:30 p.m.</b>	1 The Small-Angle Neutron Scattering by the Dispersed U-9% Mo/Al Fuel Irradiated to High Burn-up	O. Golosov, S. Bogdanov, V. Semerikov, M. Ljutikova
			2 Simulation with PLACA/DPLACE of Thermal and Mechanical Phenomena in Monolithic and Dispersed Fuel Plates	A. Soba, A. Denis
			3 MTR Plates Modeling with MAIA	V. Marelle, S. Dubois, M. Ripert, J. Noirot
<b>Coffee Break and Refreshments</b>				
	<b>Round Table, Summary and Closure</b> <i>Co-Chairs: J. Roglans and L. Sklenka</i>	<b>4:00 p.m.</b>		
<b>4:30 p.m. Adjourn</b>				
<b>Friday Tours: (1) Sparrow Reactor at Czech Technical University or (2) Nuclear Research Institute at Rez, Czech Republic</b>				