

**LIST OF POSTER PRESENTATIONS**  
**Poster Session I: Research Reactor Safety**

No.	Title	Country	Field
1p	Simulation of a Typical Accident and Testing of the Research Reactor's Safety System, <b>Keffaz Aziouez</b>	Algeria	Safety
6p	Licensing and Specific Authorization Programs for Research Reactors and Critical Assemblies <b>C.D. Perrin, S. Canevese</b>	Argentina	Safety
24p	Electronic Data acquisition System in RA-0, RA-1, RA-3 and RA-6 RRs, <b>C. Murua, P. Cantero</b>	Argentina	Safety
28p	Delay Neutron Fraction in Low Enrichment Nuclear Fuel, Calculation for RA-3 Reactor Case, <b>G. Estryk</b>	Argentina	Safety
29p	RA-3 Reactor Power Increase at 10 MW, <b>J.A. Quintana Dominguez, P.A. Cataldi</b>	Argentina	Safety
31p	Application of Cambell's Method to wide Range Neutron Flux Measuring System, <b>L.M. Giuliadori, E. Matatagui, M. Milberg</b>	Argentina	Safety
37p	Estimation of Radiological Doses Due to the Failure of a Single Fuel Element of a 3 MW (t) TRIGA Mark-II Research Reactor, <b>M. M. Rahman, A.F.M.M.Rahman, A. Koddus, M. A. Zulquarnain</b>	Bangladesh	Safety
54p	Optimization of Safety System Test Frequency, <b>D.J. Winfield, C.A. Alsop</b>	Canada	Safety
71p	Improving the Balance between Operators' Responsibility and Nuclear Safety Authority Control for research Facilities, <b>C. Eybert-Prudhomme, J. Avérious</b>	France	Safety
82p	Updating and Expanding IAEA Reliability Database for Research Reactor PSA, <b>S.C. Kim, H.J. Boado Magan</b>	IAEA	Safety
88p	Containment Isolation Devices for Nuclear Reactors, <b>P.S. Shetty, S.K. Kaul, P.B. Kulkarni</b>	India	Safety
90p	Investigation on Control Rod Interaction in a Conceptual MTR-Type Reactor, <b>T. Taryo, Prayoro, Muslim, R. Nabbi (presented by Mr. Syarip)</b>	Indonesia	Safety
92p	Training and Qualification of Reactor Operating Personnel in Indonesia, <b>Liliana Y. Pandi, Bertie Isa S., Amil Mardha</b>	Indonesia	Safety
93p	Indonesian Regulation on RR Modification, <b>Liliana Y. Pandi, Khoirol Huda, Amil Mardha, Budi Rohman</b>	Indonesia	Safety
96p	Power Upgrading Analysis for Tehran Research Reactor, <b>E. Afshar, S. Khakshournia, A. Shahid, M. Zaker</b>	Iran	Safety
98p	Research Reactors in Kazakhstan: Conditions, Safety and Utilization, <b>S. Talanov</b>	Kazakhstan	Safety
99p	Self Assessment of Safety Culture in HANARO Using the Code of Conduct on the Safety of Research Reactor by IAEA, <b>I.C. Lim, S.Y. Hwang, J.S. Woo, M. Lee, B.J. Jun</b>	Korea, Rep.of	Safety
100p	Some Issues on Research Reactor Licence and Design, <b>C.T. Park, H.T.Chae, B.J.Jun, H.Kim, H.R. Kim</b>	Korea, Rep.of	Safety
103p	Regulating the Salaspils Research Reactor, <b>A. Ozols</b>	Latvia	Safety
113p	Training of Operators in the Portuguese Research Reactor, <b>J.G. Marques, A.J.G. Ramalho</b>	Portugal	Safety
124p	The System for Diagnostics and Monitoring of the IBR-2 Reactor State, Data Acquisition, Accumulation, and Storage of Information, <b>Y.N. Pepyolyshev, V.V. Bashevoj, V.G. Ermilov, V.V. Ivanov</b>	Russian Fed.	Safety

No.	Title	Country	Field
133p	Development of a Diverse Secondary Shutdown System for a Low Power Research Reactor, <i>S.J. Franklin, N.J. Chapman, D.S. Bond</i>	UK	Safety
139p	Simulation of the Syrian Miniature Neutron Source Reactor for Training Operators on the Analysis of its Anticipated Operational Accidents, <i>I. Khamis (presented by: A.Hainoun)</i>	Syria	Safety
140p	Recent Licensing Activities on the TR-2 Research Reactor, <i>S. Alten</i>	Turkey	Safety

## Poster Session II: Research Reactor Utilization

No.	Title	Country	Field
3p	The Research Reactor as a Tool in the Master in Nuclear Reactors in Argentina, <b>C. Notari</b>	Argentina	Utilization
4p	Monte Carlo with Burnup Calculation Method for RRs, <b>F. Leszczynski</b>	Argentina	Utilization
11p	A CNS Calculation Line Based On a Monte-Carlo Method, <b>C.A. Lecot, D.F. Hergenreder, O.P. Lovotti, N.A. Masriera</b>	Argentina	Utilization
13p	MCNP Design of High Performance NTD Facilities, <b>D.F. Hergenreder</b>	Argentina	Utilization
16p	ANSTO RRR Simulator for Operating Personnel Training, <b>A. Etchepareborda, C.A. Flury, F. Lema</b>	Argentina	Utilization
19p	Providing the Infrastructure or the BNCT Hiperthermal Neutron Beam, <b>N.A.Rico, R. Juracich</b>	Argentina	Utilization
21p	The Prompt Gamma Neutron Activation Analysis Facility at the RA-6 Reactor of the Bariloche Atomic Centre, Argentina, <b>F.Sanchez, O. Calzetta, H. Blaumann</b>	Argentina	Utilization
22p	Using the RA-6 Reactor for Medical Research and Clinical Trials: the BNCT Hiperthermal Neutron Beam, <b>H. Blaumann, O.C. Larrieu, J. Longhino</b>	Argentina	Utilization
38p	Approach to Development of High-flux Research Reactor with Pebble-bed Core, <b>A.A. Mikhalevich, V.T. Kazazyan, D.I. Zhvirblya</b>	Belarus	Utilization
47p	Experience Related to Refurbishment and Modifications of Brazilian IEARI Research Reactor, <b>A.J. Soares, R. Frajndlich</b>	Brazil	Utilization
49p	Thermal-Hydraulic Design of a Fuel Mini-Plates Irradiator for the IEA-R1 Research Reactor, <b>W.M. Torres, P.E. Umbehaun, (presented by S.P. Oliveira)</b>	Brazil	Utilization
57p	Utilization of the IEA-R1 Reactor for DNA Irradiation, <b>M.R. Gual, A. Deppman<sup>2</sup>, O.R. Hoyos<sup>1</sup>, P.R. Pinto<sup>3</sup></b>	Cuba	Utilization
60p	Research Reactor LVR-15 – Operation and Use, <b>J. Kysela, V. Broz, O. Erben, R. Vsolak, M. Zmitko</b>	Czech Republic	Utilization
94p	Utilization of 4 MW Tehran Research Reactor by Production of Industrial and Medical Radioisotopes, <b>A.R. Ghahremani, M.R.Javanshir, R.Naghdi, H.Safiee, J.Solymani</b>	Iran	Utilization
101p	Experiments of CNF and ONB in a Finned Rod Bundle Under Low Flow and Low Pressure Conditions, <b>C.T. Park, H.T.Chae, C. Park, H. Kim, S.J. Park, G.Y. Han</b>	Korea, Rep.of	Utilization
112p	A Fast Neutron Irradiation Facility at the Portuguese Research Reactor, <b>J.G. Marques, N.P. Barradas, A.P. Fernandes, I.C. Gonçalves, A.J.G. Ramalho</b>	Portugal	Utilization
115p	Optimizing the Neutron Diffractometers Configurations, <b>I. Ionita</b>	Romania	Utilization
116p	The Resolution Function for a Pulsed-Source TOF Neutron Spectrometer with Mechanical Monochromator, <b>I. Ionita</b>	Romania	Utilization
120p	Realization of IBR-2 Reactor Modernization Program, <b>A.V. Vinogradov, V.D. Ananiev, I.T. Tretjakov, V.V. Khmelshchikov</b>	Russian Fed.	Utilization
126p	Utilization of Research and Training Reactors in the Study Program of Students at Slovak University of Technology, <b>J. Lipka, V. Slugen, J. Hascik</b>	Slovakia	Utilization

<b>No.</b>	<b>Title</b>	<b>Country</b>	<b>Field</b>
142p	The future of the IPR-R1 TRIGA mark in reactor after 250 KW upgrading operation tests, <b>F. Maretti</b>	Brazil	Utilization

**Poster Session III:  
Research Reactor Decommissioning, Fuel And Waste Management**

No.	Title	Country	Field
26p	Data Base for Analysis of RA-1 Decommissioning, <b>C.M. Barberis</b>	Argentina	Decomm
30p	Decommissioning Planning of RRs in Argentina: the RA-1 Case, <b>E. Cinat, C. Barberis</b>	Argentina	Decomm.
74p	Radiological Characterization of a Research Reactor prior to Stage-3 Decommissioning: the Example of the Triton Facility, <b>E. Lopes, L. Pillette-Cousin</b>	France	Decomm.
76p	On the Decommissioned IRT-3M Research Reactor in Georgia, <b>Sh.P Abramidze, G.G. Kikanadze</b>	Georgia	Decomm.
77p	Decommissioning of the Prototype Fast breeder Reactor KNK in Germany, <b>K. Brockmann, I. Hillebrand, W. Pfeifer</b>	Germany	Decomm.
109p	Decommissioning of the EWA Research Reactor and Strategies for the Safe Management of the Radioactive Waste Generated During the Various Stages of Decommissioning, <b>A. Cholerzyński, W. Tomczak</b>	Poland	Decom.
119p	Upgrading of the Decommissioning Plan for VVR-S – Magurele Romania Research Reactor, <b>C. Garlea, I. Garlea<sup>b</sup>, L. Biro<sup>c</sup>, C. Kelerman<sup>b</sup></b>	Romania	Decom.
5p	Atomistic Modelling of Interdiffusion Barriers in the Interphase Al/Umo Based Fuel, <b>J.E. Garces, G. Demarco G. Bozzolo</b>	Argentina	Fuel
23p	Usual Control of RA-3 Fuel Assemblies for the Upgrading the Reactor Power and Fuel Density, <b>G.R. Ruggirello, J. Quintana</b>	Argentina	Fuel
40p	Corrosion Monitoring of Aluminum Alloys in TRIGA IPR-R1 Research Reactor, <b>C.F.C. Neves, M.M.A.M. Schwartzman, W.R.C. Campos, N.N. Atanazio Filho</b>	Brazil	Fuel
41p	Eddy Current NDT: A Developed Technology for In-Use and Spent Fuel Cladding Examination of TRIGA and MTR Reactors, <b>D.A. Alancar, M. Mattar Neto<sup>b</sup>, S. F. Silva Júnior<sup>a</sup></b>	Brazil	Fuel
42p	Shielding and Criticality Safety Analyses of a Latin American Cask for Transportation and Interim Storage of Spent Fuel From Research Reactors, <b>H.M. Dalle, E. B. Tambourgi</b>	Brazil	Fuel
46p	Development of MTR-Type Fuel Using UO <sub>2</sub> Microspheres Dispersed in Stainless Steel, <b>W.B. Ferraz, D.M. Braga, J.B. de Paula, A. Santos</b>	Brazil	Fuel
50p	Benchmark Measurements and Calculations of U <sub>3</sub> Si <sub>2</sub> -Al MTR Fuel Plates With Burned Fuel, <b>H.M. Dalle, G. R. Ruggirello<sup>2</sup>, G. Estryk<sup>2</sup>, A. Stankevicius<sup>2</sup>, D. A. Gil et al</b>	Brazil	Fuel
56p	Fuel Burnup Measurements using Gamma Spectrometry Technique, <b>C. Pereda, C. Henríquez<sup>a</sup>, G. Navarro<sup>a</sup>, J. Klein<sup>a</sup>, A.J. Kestelman<sup>b</sup></b>	Chile	Fuel
63p	Storage and Encapsulation System of Spent Fuel in the Egyptian Research Reactor, <b>Shokry D. Bedrose</b>	Egypt	Fuel
68p	FIR1 Reactor and the Plans for the Spent Fuel Management, <b>L. Auterinen, S. Salmenhaara</b>	Finland	Fuel
114p	Maintenance Programme for a Safe Prolonged Wet Storage of the Nuclear Fuel at IFIN-HH Bucharest, Magurele Site, <b>C.A. Dragolici, A. Zorliu, C. Petran, I. Mincu, G. Neacsu</b>	Romania	Fuel

No.	Title	Country	Field
118p	Impact Assessment of Water Quality on Spent Nuclear Fuel Corrosion during Wet Storage, <b>C. Ciuculescu, L. Biro</b>	Romania	Fuel
138p	The Effect of Control Rod <sup>95</sup> Nb/ <sup>95</sup> Cr Ratio-Cooling Time Correlation, <b>Kh. Haddad (presented by: A.Hainoun)</b>	Syria	Fuel
27p	Measurement of Noble Gases in Research and Production Nuclear Reactors, <b>F.A. Garcia, G.O.Pita, G. Naccarato</b>	Argentina	Waste
35p	Management of All Sorts of Radioactive Wastes Including Those Arising From Decommissioning of Research Reactor, <b>A. Jalil</b>	Bangladesh	Waste
86p	Gaseous Waste Management in Indian Research Reactors, <b>K.G. Khang, S. Ramachandran, Kanwar Raj</b>	India	Waste