

PHYSOR'08 Paper-Session List

Note.

In the final program, the starting time of individual oral presentations is indicated to the left of the title. For poster presentations, the stand number (location) of the poster is shown as #nn to the left of the title.

<i>Paper log No.</i>	<i>Paper Title (first words)</i>	<i>Day</i>	<i>Session Time</i>	<i>Room</i>	<i>Session ID and Title (first words)</i>
log002	oral Assessing the radiological risk of experiments with a pulsed neutron	Tuesday, Sept. 16, 2008	14:00-15:40	Brünig	16E2-15. Radiation applications for nuclear safegu
log003	oral Neutron-detection based monitoring of void effects in boiling water re	Tuesday, Sept. 16, 2008	16:00-17:20	Theater	16A3-04. Core instrumentation and noise analysis
log008	poster Thermal-hydraulic modelling of the SAFARI-1 research reactor using	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-10. Research reactors & spallation sources
log009	oral ENDF/B-VII.0, ENDF/B-VI, JEFF-3.1, and JENDL-3.3 results for the	Tuesday, Sept. 16, 2008	10:45-12:25	Ballroom	16B1-01. Validation and application of evaluated li
log010	oral Development of a stress analysis code for TRISO particles in HTRs	Thursday, Sept. 18, 2008	10:45-12:25	Brünig	18E1-13. Design and performance of advanced fu
log011	poster Basic theory of CANDLE burn-up	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log012	poster Influence of oxide layers on the cladding material in a liquid lead envi	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log015	oral Economy of uranium resources in a three-component reactor fleet wi	Wednesday, Sept. 17, 2008	10:45-12:25	Theater	17A1-16. Nuclear power and sustainable develop
log016	poster Loading pattern optimization using ant colony algorithm	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log017	poster Validation of ATR fission power deposition fraction in HEU and LEU f	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log018	poster Generation and preliminary testing of ENEA-Bologna BUGLE-type gr	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log019	oral Upgrading of the coupled neutronics-fluid dynamics code SIMMER to	Wednesday, Sept. 17, 2008	14:00-15:40	Congress II	17D2-10. Research reactor applications
log020	oral Impact of the ²³⁵ U covariance data in benchmark calculations	Monday, Sept. 15, 2008	14:00-15:40	Ballroom	15B2-01. Covariance data
log021	poster Improved evaluations of n+ ²³⁷ Np cross sections and their validation	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data

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log024	oral	Post test analyses of CABRI UO2 tests with TESPA-ROD	Thursday, Sept. 18, 2008	8:10-10:15 [Brünig	18E0-13. LWR fuel performance
log026	poster	Verification of the INL/COMBINE7 neutron energy spectrum code	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-02. Transport theory
log027	oral	Extension of the 1D four-group analytic nodal method to full multigro	Tuesday, Sept. 16, 2008	14:00-15:40	Congress I	16C2-02. Transport methods – IV
log028	poster	BWR fuel assemblies physics analysis utilizing 3D MCNP modeling	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log032	oral	Burnup credit of erbia super-high-burnup fuel	Wednesday, Sept. 17, 2008	14:00-15:40	Congress I	17C2-05. LWR fuel and core design
log034	poster	On the convergence of the rebalance methods for transport equation	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory
log035	oral	Number distribution of detected neutrons in a multiplying media, dete	Tuesday, Sept. 16, 2008	14:00-15:40	Congress II	16D2-06. Criticality safety methods
log036	oral	Improved Monte Carlo – perturbation method for estimation of contro	Tuesday, Sept. 16, 2008	10:45-12:25	Brünig	16E1-10. Research reactor physics – I
log037	oral	Isotopic inventory calculations taking into account 2D/3D environmen	Tuesday, Sept. 16, 2008	16:00-17:20	Congress II	16D3-06. Burnup credit
log041	oral	High temperature Knudsen cell mass spectroscopy studies on dyspr	Thursday, Sept. 18, 2008	10:45-12:25	Brünig	18E1-13. Design and performance of advanced fu
log042	oral	A closed-form solution for the two-dimensional transport equation by	Monday, Sept. 15, 2008	14:00-15:40	Congress I	15C2-02. Transport methods – II
log043	poster	Requirements for reactor physics design	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-12. Reactor physics benchmarks
log045	oral	Overview of the activities of the OECD/NEA/NSC working party on n	Tuesday, Sept. 16, 2008	10:45-12:25	Congress II	16D1-06. Criticality safety analysis
log046	poster	Best estimate analysis of LOFT L2-5 with CATHARE: uncertainty an	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log047	poster	A simplified coupled approach for the evaluation of BORAX transient	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log048	oral	AREVA NP burnup credit investigation on irradiated MOX fuel within t	Thursday, Sept. 18, 2008	8:10-10:15 [	Theater	18A0-11. Integral experiments and analysis – II
log049	poster	The problem of the formulation of integral parameters in source-drive	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-10. Research reactors & spallation sources

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log053	oral	Minor actinides neutron data: advanced analysis	Monday, Sept. 15, 2008	10:45-12:25	Ballroom	15B1-01. Nuclear data measurements and evaluat
log056	oral	The SIMMER safety code system and its validation efforts for fast re	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress I	18C0-09. Sodium-cooled fast reactor design and s
log058	oral	Axial gas transport and loss of pressure after ballooning rupture of hi	Thursday, Sept. 18, 2008	8:10-10:15 [	Brünig	18E0-13. LWR fuel performance
log059	poster	Design modification in AHWR D5 cluster to obtain negative channel t	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log061	oral	Fuel cycle impacts of uranium-plutonium co-extraction	Monday, Sept. 15, 2008	16:00-17:20	Brünig	15E3-08. Fuel cycle analysis
log062	oral	Second-order reactivity worth estimates using an off-the-shelf multigr	Monday, Sept. 15, 2008	16:00-17:20	Congress I	15C3-02. Transport methods – III
log063	oral	An integrated thermal hydraulic feedback method for Monte Carlo re	Monday, Sept. 15, 2008	10:45-12:25	Congress II	15D1-03. Monte Carlo reactor analysis
log064	poster	HEMERA: a 3D computational chain for PWR safety analysis	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log067	poster	A sensitivity and uncertainty analysis of the keff value for fast and the	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log068	oral	Thermal response of the hybrid loop-pool design for sodium cooled f	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress I	18C0-09. Sodium-cooled fast reactor design and s
log069	poster	Approach to improve the axial power distribution for the application of	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log070	oral	Extension of the time-average model to CANDU refueling schemes i	Tuesday, Sept. 16, 2008	10:45-12:25	Theater	16A1-04. Core analysis – III
log071	poster	Acceleration of the numerical solution of the reactor kinetics equation	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log072	oral	Calculation of neutron emission from spent LWR fuel assemblies: S	Wednesday, Sept. 17, 2008	14:00-15:40	Congress I	17C2-05. LWR fuel and core design
log073	oral	The 3D neutronics scheme for the development of the Jules-Horowitz	Tuesday, Sept. 16, 2008	10:45-12:25	Brünig	16E1-10. Research reactor physics – I
log074	poster	Development and verification of a high performance multi-group SP3	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory
log075	oral	Monju core physics test analysis with JAEA's calculation system	Thursday, Sept. 18, 2008	8:10-10:15 [Congress I	18C0-09. Sodium-cooled fast reactor design and s

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log076	oral	Creating broad acceptance of novel nuclear concepts (a progress re	Wednesday, Sept. 17, 2008	16:00-17:20	Brünig	17E3-12. Standards and regulatory practices
log083	oral	Measurement of fission rate ratios in fresh UO ₂ fuel utilising short-liv	Wednesday, Sept. 17, 2008	16:00-17:20	Theater	17A3-11. Measurement techniques
log084	poster	Multiphysics approach to the analysis of molten salt reactors	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log085	poster	A quasi-static transport module using the DRAGON code	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory
log086	poster	A response matrix formulation of multidimensional transport problem	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory
log087	poster	Rossi α and Feynmann Y methods in ADS systems with poissonian	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log088	poster	Development and testing of a revised ENDF/B-VII capture cross sect	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log089	oral	Sustainable nuclear power – the human dimension	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress II	18D0-16. Nuclear power and sustainable develop
log090	oral	NRC regulatory practices in reactor physics code reviews	Wednesday, Sept. 17, 2008	16:00-17:20	Brünig	17E3-12. Standards and regulatory practices
log091	poster	Prediction accuracy improvement for neutronic characteristics of a fa	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log092	poster	Analysis of core physics experiments on irradiated BWR MOX fuel in	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log093	poster	Fission rate distribution at the 84-pin radial section of a SVEA-96 Opt	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log095	oral	A radiation shielding analysis of the gas cooled ETDR preliminary de	Tuesday, Sept. 16, 2008	14:00-15:40	Ballroom	16B2-09. Gas-cooled fast reactor design and safet
log097	oral	First 3-D calculation of core disruptive accident in a large scale sodiu	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress I	18C0-09. Sodium-cooled fast reactor design and s
log098	oral	On the feasibility of a homogenised multi-group Monte Carlo method	Monday, Sept. 15, 2008	10:45-12:25	Congress II	15D1-03. Monte Carlo reactor analysis
log101	oral	An optimized ultra-fine energy group structure for neutron transport c	Monday, Sept. 15, 2008	10:45-12:25	Theater	15A1-04. Lattice physics calculations
log102	oral	Neutronics of super-critical LWR lattice with (Th+U)O ₂ -fuel: how to s	Wednesday, Sept. 17, 2008	10:45-12:25	Congress I	17C1-05. Fuel and core design for advanced syste

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log104	poster	Monte Carlo depletion analysis of a TRU-cermet fuel design for a sod	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log105	oral	Qualification of NEXUS/ANC nuclear design system for PWR analys	Monday, Sept. 15, 2008	14:00-15:40	Theater	15A2-04. Core analysis – I
log106	oral	Extensive set of low-fidelity cross sections covariances in fast neutro	Monday, Sept. 15, 2008	14:00-15:40	Ballroom	15B2-01. Covariance data
log107	oral	Projected predictor-corrector method for burnup calculations of Gd-B	Wednesday, Sept. 17, 2008	14:00-15:40	Congress I	17C2-05. LWR fuel and core design
log108	oral	Development of JENDL actinoid file	Tuesday, Sept. 16, 2008	10:45-12:25	Ballroom	16B1-01. Validation and application of evaluated li
log109	poster	MARBLE: a next generation neutronics analysis code system for fast	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log111	poster	Solution of K-eigenvalue problem by nodal diffusion method using Or	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log114	poster	Validation and application of transport theory methods for predicting	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log115	oral	Analysis of the FLUOLE experiment for the APOLLO2 validation of P	Thursday, Sept. 18, 2008	10:45-12:25	Theater	18A1-11. Integral experiments and analysis – III
log116	poster	Concept of periodic pulsed reactor for high power lasers with nuclear	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-10. Research reactors & spallation sources
log118	oral	Failure of high burnup fuels under reactivity-initiated accident conditi	Thursday, Sept. 18, 2008	8:10-10:15 [	Brünig	18E0-13. LWR fuel performance
log119	poster	Analysis of dynamic regimes at nuclear power plants with fast reacto	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log120	oral	Criticality calculations for canned fast reactor fuel rods	Tuesday, Sept. 16, 2008	10:45-12:25	Congress II	16D1-06. Criticality safety analysis
log121	oral	Improvement of the experimental validation of the DARWIN code sys	Tuesday, Sept. 16, 2008	10:45-12:25	Congress I	16C1-12. Code validation and benchmarks
log122	oral	Modification of the ANC nodal code for analysis of PWR assembly b	Wednesday, Sept. 17, 2008	10:45-12:25	Ballroom	17B1-04. Lattice and core physics methods
log123	oral	Benchmarks on effective delayed neutron parameters and reactivity:	Thursday, Sept. 18, 2008	8:10-10:15 [	Theater	18A0-11. Integral experiments and analysis – II
log125	oral	Semi-analytical calculations of the neutron noise in 2-group theory fo	Tuesday, Sept. 16, 2008	16:00-17:20	Theater	16A3-04. Core instrumentation and noise analysis

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log126	oral	Resolution of double heterogeneity in direct transport calculation em	Monday, Sept. 15, 2008	10:45-12:25	Congress I	15C1-02. Transport methods – I
log127	poster	Application of the new core monitoring system, “GNF-ARGOS”, to th	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-04. Core analysis
log128	oral	SIMULATE-3K stability benchmarking and predictive calculations of	Thursday, Sept. 18, 2008	10:45-12:25	Ballroom	18B1-07. BWR transient analysis
log129	poster	Advanced Operational Strategy for the IRIS Reactor: Feasibility of Lo	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log131	oral	Feasibility of reactivity worth measurements by perturbation method	Wednesday, Sept. 17, 2008	16:00-17:20	Theater	17A3-11. Measurement techniques
log132	poster	Induced activity and contamination of inner vessel walls of the LVR-1	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-10. Research reactors & spallation sources
log133	poster	BWR MOX core monitoring at Kernkraftwerk Gundremmingen	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-04. Core analysis
log138	poster	Development and validation of the new continuous energy capability i	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-06. Criticality safety
log140	oral	Coupled neutronics / thermal hydraulics calculations for High Temper	Wednesday, Sept. 17, 2008	14:00-15:40	Ballroom	17B2-07. PBMR-400 transient analysis
log141	oral	Dominance ratio calculations with MCNP	Monday, Sept. 15, 2008	14:00-15:40	Congress II	15D2-03. Monte Carlo methods - I
log142	oral	Equivalence of control rod model in high temperature gas-cooled rea	Monday, Sept. 15, 2008	10:45-12:25	Theater	15A1-04. Lattice physics calculations
log143	poster	Evaluation of rod drop accident with best-estimate TRACG code	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log145	oral	Integral benchmarks available through the international reactor physi	Tuesday, Sept. 16, 2008	10:45-12:25	Congress I	16C1-12. Code validation and benchmarks
log146	poster	Thermal power measurement based on Feynman-alpha correlation a	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log147	poster	Determination of subcriticality and effective source strength by sourc	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log148	oral	Burnup dependence of coolant void reactivity for ACR-1000 cell	Monday, Sept. 15, 2008	10:45-12:25	Theater	15A1-04. Lattice physics calculations
log149	oral	GIF GFR end-of-exploratory phase design and safety studies	Tuesday, Sept. 16, 2008	16:00-17:20	Ballroom	16B3-09. Gas-cooled fast reactor design and safet

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log151	oral	Recent advances in the HELIOS-2 lattice physics code	Monday, Sept. 15, 2008	10:45-12:25	Theater	15A1-04. Lattice physics calculations
log153	oral	A coupled CFD-system code development and application	Thursday, Sept. 18, 2008	8:10-10:15 [	Ballroom	18B0-07. Advanced methodologies for multi-physi
log154	oral	A new single-crystal filtered thermal neutron source for neutron captu	Wednesday, Sept. 17, 2008	14:00-15:40	Congress II	17D2-10. Research reactor applications
log156	poster	DORT-TD/THERMIX solutions for the OECD/NEA/NSC PBMR400 M	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log158	oral	Embedded lattice transport calculations based on PARAGON-NEM c	Monday, Sept. 15, 2008	14:00-15:40	Theater	15A2-04. Core analysis – I
log159	oral	Calculation support for industrial production of cobalt-60 at Leningrad	Tuesday, Sept. 16, 2008	16:00-17:20	Brünig	16E3-15. Radiation applications in medicine and in
log160	oral	Fuel safety experiments in the Jules Horowitz Reactor: dedicated loo	Wednesday, Sept. 17, 2008	14:00-15:40	Brünig	17E2-14. Facilities for safety research
log163	oral	Comparison of reconstructed radial pin total fission rates with experi	Tuesday, Sept. 16, 2008	14:00-15:40	Theater	16A2-04. Core analysis validation
log164	oral	Minor actinide transmutation in ADS: the EFIT core design	Monday, Sept. 15, 2008	10:45-12:25	Brünig	15E1-08. Minor actinide transmutation in fast spec
log165	oral	Heterogeneous recycle of transuranics fuels in fast reactors	Monday, Sept. 15, 2008	10:45-12:25	Brünig	15E1-08. Minor actinide transmutation in fast spec
log167	oral	About the volatility of boron in aqueous solutions of borates with vap	Wednesday, Sept. 17, 2008	14:00-15:40	Brünig	17E2-14. Facilities for safety research
log168	poster	Efficiency of the delta-tracking technique for Monte Carlo calculation	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log170	oral	The time-dependent 3D discrete ordinates code TORT-TD with ther	Monday, Sept. 15, 2008	16:00-17:20	Theater	15A3-04. Core analysis – II
log171	oral	Evaluation of erbia content in Er-SHB fuel for criticality safety of fabri	Tuesday, Sept. 16, 2008	10:45-12:25	Congress II	16D1-06. Criticality safety analysis
log172	oral	AP1000 core design with 50% MOX loading	Monday, Sept. 15, 2008	14:00-15:40	Brünig	15E2-08. Actinide management in thermal spectra
log173	oral	Analysis of PWR assembly bow	Tuesday, Sept. 16, 2008	10:45-12:25	Theater	16A1-04. Core analysis – III
log174	oral	Application of time-dependent neutron transport theory to high tempe	Wednesday, Sept. 17, 2008	14:00-15:40	Ballroom	17B2-07. PBMR-400 transient analysis

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log177	oral	The impact of 238U resonance elastic scattering approximations on t	Monday, Sept. 15, 2008	10:45-12:25	Congress II	15D1-03. Monte Carlo reactor analysis
log178	poster	Neutron transport solver parallelization using a Domain Decompositi	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-02. Transport theory
log180	oral	Sensitivity study of dimensional variables for a 1,200 MWe sodium c	Thursday, Sept. 18, 2008	10:45-12:25	Congress I	18C1-09. Sodium- and lead-cooled fast reactor de
log182	poster	Design and safety studies on an EFIT core with CERMET fuel	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log183	oral	Measurement of pin power distribution at the HANARO fuel assembl	Wednesday, Sept. 17, 2008	10:45-12:25	Congress II	17D1-10. Research reactor physics – II
log184	oral	The procedure for determination of special margin factors to account	Wednesday, Sept. 17, 2008	14:00-15:40	Congress I	17C2-05. LWR fuel and core design
log185	poster	Parametric study on a natural circulation cooled U-battery	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log186	poster	Reactivity coefficients and uncertainty evaluations on the EFIT core	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log187	poster	Optimization of the extrapolated-iterative method for the multislab tra	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-02. Transport theory
log190	poster	In depth analysis of the nonlinear stability behaviour of BWR-System	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log193	oral	Decay studies of minor actinide nuclides, and future opportunities for	Monday, Sept. 15, 2008	10:45-12:25	Ballroom	15B1-01. Nuclear data measurements and evaluat
log195	oral	Analytical stability analysis of Coarse-Mesh Finite Difference method	Monday, Sept. 15, 2008	14:00-15:40	Congress I	15C2-02. Transport methods – II
log197	oral	Fast reactor operation and reactivity control: report on the Phenix exp	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress I	18C0-09. Sodium-cooled fast reactor design and s
log200	poster	High-speed liquid film sensor with high spatial resolution for thermal	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-14. Facilities for safety research
log201	oral	Fission source calculations and its influence in criticality applications	Tuesday, Sept. 16, 2008	14:00-15:40	Congress II	16D2-06. Criticality safety methods
log202	poster	A 3D full-core coupled thermal-hydraulics/kinetics TRACE/PARCS m	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log203	oral	ATHLET/BIPR-VVER – an advanced coupled code system for VVER	Thursday, Sept. 18, 2008	8:10-10:15 [Ballroom	18B0-07. Advanced methodologies for multi-physi

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log208	oral	Analysis of reactivity worths of highly-burnt PWR fuel samples meas	Thursday, Sept. 18, 2008	8:10-10:15 [Theater	18A0-11. Integral experiments and analysis – II
log210	oral	Modeling of LVRF critical experiments in ZED-2 using WIMS9A/PAN	Tuesday, Sept. 16, 2008	14:00-15:40	Theater	16A2-04. Core analysis validation
log211	oral	Investigating the minimum achievable variance in a Monte Carlo criti	Wednesday, Sept. 17, 2008	10:45-12:25	Brünig	17E1-03. Monte Carlo methods – II
log212	poster	Summary of results for the VENUS-7 benchmark	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-12. Reactor physics benchmarks
log213	oral	On the use of the FALCON code for modeling the behaviour of high	Thursday, Sept. 18, 2008	8:10-10:15 [	Brünig	18E0-13. LWR fuel performance
log214	oral	Refinement of the Santamarina-Hfaiedh energy mesh between 22.5	Monday, Sept. 15, 2008	10:45-12:25	Theater	15A1-04. Lattice physics calculations
log215	poster	Analysis of isotopic assay data from the MALIBU program	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-06. Criticality safety
log216	poster	Monte Carlo analyses of the source multiplication factor of the YALIN	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-10. Research reactors & spallation sources
log218	poster	New analysis of the EIR GFR thermal-hydraulic experiments	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-14. Facilities for safety research
log219	poster	Impact of newly-measured gadolinium cross sections on BWR fuel ro	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log220	poster	Physics design of Compact High Temperature Reactor	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log221	poster	Development of neutral particle transport code ATES3 & further studi	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory
log223	oral	Extension of the SIMMER cross-section processing scheme for safet	Monday, Sept. 15, 2008	14:00-15:40	Theater	15A2-04. Core analysis – I
log225	oral	GFR transient analysis employing a 2D thermomechanical model for	Tuesday, Sept. 16, 2008	16:00-17:20	Ballroom	16B3-09. Gas-cooled fast reactor design and safet
log227	oral	A global approach to the physics validation of simulation codes for fu	Wednesday, Sept. 17, 2008	14:00-15:40	Theater	17A2-11. Integral experiments and analysis – I
log229	oral	Advantages of Westinghouse BWR control rod drop accidents metho	Wednesday, Sept. 17, 2008	16:00-17:20	Ballroom	17B3-07. Reactor kinetics methods and applicatio
log230	oral	Validation of Westinghouse integrated code POLCA-T against OECD	Wednesday, Sept. 17, 2008	16:00-17:20	Ballroom	17B3-07. Reactor kinetics methods and applicatio

<i>Paper log No.</i>	<i>Paper Title (first words)</i>	<i>Day</i>	<i>Session Time</i>	<i>Room</i>	<i>Session ID and Title (first words)</i>	
log231	poster	Evaluation of prompt neutron spectra for americium isotopes by multi	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log232	oral	Impact of ENDF/B-VII.0 for AECL applications	Tuesday, Sept. 16, 2008	10:45-12:25	Ballroom	16B1-01. Validation and application of evaluated li
log233	oral	Production and processing of covariance data for nuclear application	Monday, Sept. 15, 2008	14:00-15:40	Ballroom	15B2-01. Covariance data
log234	poster	Evaluation of activation detectors for the SPHINX project at the LR-0	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log236	oral	Estimation of the fast neutron fluence at control rod tips using a 3-D	Monday, Sept. 15, 2008	16:00-17:20	Theater	15A3-04. Core analysis – II
log238	oral	Comparative study of CORETRAN and SIMULATE-3K for Main Stea	Wednesday, Sept. 17, 2008	16:00-17:20	Ballroom	17B3-07. Reactor kinetics methods and applicatio
log239	poster	Core modelling and analysis of the Swiss nuclear power plants for qu	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-04. Core analysis
log240	poster	Benchmark on computer simulation of radioactive nuclides productio	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-12. Reactor physics benchmarks
log241	oral	Parametric study of the influence of heterogeneous boron concentrat	Monday, Sept. 15, 2008	14:00-15:40	Theater	15A2-04. Core analysis – I
log243	oral	Three-dimensional depletion analysis of the axial end of a Takahama	Tuesday, Sept. 16, 2008	16:00-17:20	Congress II	16D3-06. Burnup credit
log246	poster	New capabilities of the lattice code WIMS-AECL	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-02. Transport theory
log247	poster	Validation of MCNP5 using ENDF/B-VI data against deuterium critica	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log248	oral	Validation of the micro-depletion method for CANDU power derating t	Tuesday, Sept. 16, 2008	14:00-15:40	Theater	16A2-04. Core analysis validation
log249	oral	Statistical theory for calculating energy spectra of beta-delayed neutr	Monday, Sept. 15, 2008	16:00-17:20	Ballroom	15B3-01. Methods for data evaluation and process
log250	oral	Analysis of the ZPPR-15 critical experiments with ENDF/B-V.2 and E	Wednesday, Sept. 17, 2008	14:00-15:40	Theater	17A2-11. Integral experiments and analysis – I
log252	oral	Behavior of 66 to 77 MWd/kg fuel cladding under LOCA conditions	Thursday, Sept. 18, 2008	8:10-10:15 [	Brünig	18E0-13. LWR fuel performance
log253	oral	Evaluations of generic ABWR ATWS emergency operation procedur	Thursday, Sept. 18, 2008	10:45-12:25	Ballroom	18B1-07. BWR transient analysis

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log256	oral	Sensitivity of photoneutron production to perturbations in cross-sections	Tuesday, Sept. 16, 2008	14:00-15:40	Brünig	16E2-15. Radiation applications for nuclear safety
log257	oral	Core design studies for a 1000 MWth advanced burner reactor	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress I	18C0-09. Sodium-cooled fast reactor design and safety
log260	poster	BWR Fuel Lattice Design Using an Ant Colony Model	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log261	poster	On the use of importance factors from Monte Carlo calculations for engineering design	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log262	oral	Investigation of subcritical core state using fixed-source models in diffusion theory	Tuesday, Sept. 16, 2008	14:00-15:40	Congress II	16D2-06. Criticality safety methods
log263	poster	Benchmarking of WIMS-AECL/RFSP multicell methodology with MCNP	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log264	oral	The application of the PARCS neutronics code to the Atucha-I and Atucha-II reactors	Tuesday, Sept. 16, 2008	10:45-12:25	Theater	16A1-04. Core analysis – III
log265	poster	Assessment of failure mechanisms for GFR vented fuel pins using high fidelity models	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log266	poster	Modeling of the fast boron injection system for CAN-II	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log267	oral	Hybrid SN Laplace transform method for slab lattice calculations	Monday, Sept. 15, 2008	14:00-15:40	Congress I	15C2-02. Transport methods – II
log268	poster	An advanced uranium nitride design concept for high performance advanced reactors	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log269	oral	PWR control rod ejection analysis with the method of characteristic curves	Wednesday, Sept. 17, 2008	16:00-17:20	Ballroom	17B3-07. Reactor kinetics methods and applications
log270	oral	Preconceptual designs of the 200MWth prism and pebble-bed type VVER reactors	Wednesday, Sept. 17, 2008	10:45-12:25	Congress I	17C1-05. Fuel and core design for advanced systems
log272	oral	Babcock & Wilcox experiments interpretation	Tuesday, Sept. 16, 2008	14:00-15:40	Theater	16A2-04. Core analysis validation
log275	poster	Excitation functions for the natSn(p,x)111In, natSn(p,x)117mSn, natZn(p,x)65Zn	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-12. Reactor physics benchmarks
log277	poster	Parametric studies on the fuel salt composition in thermal molten salt reactors	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log278	oral	Simulation of a Main Steam Line Break on VVER-1000 reactor with advanced codes	Thursday, Sept. 18, 2008	8:10-10:15 [Ballroom	18B0-07. Advanced methodologies for multi-physics

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log279	oral	Developments within WIMS10			
		Wednesday, Sept. 17, 2008	10:45-12:25	Ballroom	17B1-04. Lattice and core physics methods
log281	poster	Parallel method of characteristics on unstructured meshes for the U			
		Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory
log284	oral	Three-dimensional neutron transport with novel local–global coupling			
		Tuesday, Sept. 16, 2008	14:00-15:40	Congress I	16C2-02. Transport methods – IV
log286	poster	A methodology for comparative assessment of energy options: the c			
		Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-16. Nuclear power and sustainable develop
log287	poster	Experiment and analysis for criticality in small fast reactor with reflect			
		Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log289	oral	Development of a prototype pin-by-pin fine mesh calculation code for			
		Monday, Sept. 15, 2008	16:00-17:20	Theater	15A3-04. Core analysis – II
log290	poster	International efforts to measure, model and evaluate nuclear data for			
		Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log291	oral	Tracking on periodic lattices for the method of characteristics			
		Monday, Sept. 15, 2008	10:45-12:25	Congress I	15C1-02. Transport methods – I
log292	oral	OSCAR-4 code system application to the SAFARI-1 reactor			
		Tuesday, Sept. 16, 2008	10:45-12:25	Theater	16A1-04. Core analysis – III
log293	poster	Effects of the core inlet mixing modelling on a main steam line break			
		Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log295	oral	A quasi-regression method for automated cross-section parameteriz			
		Wednesday, Sept. 17, 2008	14:00-15:40	Ballroom	17B2-07. PBMR-400 transient analysis
log296	poster	A multi-scale quasi-static method for the neutronic kinetics			
		Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory
log298	poster	A 2D benchmark for the verification of the PEBBED code			
		Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log299	poster	New approximations for the Doppler broadening function applied to t			
		Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log301	oral	A benchmark solution for heavy galactic cosmic ion cascade			
		Tuesday, Sept. 16, 2008	10:45-12:25	Congress I	16C1-12. Code validation and benchmarks
log302	oral	An improved method for fuel cycle analysis at equilibrium and ist app			
		Monday, Sept. 15, 2008	16:00-17:20	Brünig	15E3-08. Fuel cycle analysis
log305	oral	IAEA coordinated research project (CRP) on “Analytical and experim			
		Tuesday, Sept. 16, 2008	10:45-12:25	Congress I	16C1-12. Code validation and benchmarks

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log307	poster Applications of convergence acceleration to particle transport in sphere	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-02. Transport theory
log309	oral The PERLE experiment for the qualification of PWR heavy reflectors	Thursday, Sept. 18, 2008	10:45-12:25	Theater	18A1-11. Integral experiments and analysis – III
log310	poster Continuous pseudo spectral method for the neutron diffusion equation	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log311	oral VVER-1000 main steam line break analysis using the coupled codes	Tuesday, Sept. 16, 2008	16:00-17:20	Congress I	16C3-07. Best-estimate transient analysis
log313	oral ETRD, The European Union's Experimental Gas-Cooled Fast Reactor	Tuesday, Sept. 16, 2008	14:00-15:40	Ballroom	16B2-09. Gas-cooled fast reactor design and safety
log315	oral The GUINEVERE project at the VENUS facility	Thursday, Sept. 18, 2008	10:45-12:25	Theater	18A1-11. Integral experiments and analysis – III
log317	poster Unstructured 3D MINOS/FLICA4 coupling in SALOME Application to	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log318	oral Delayed gamma studies from photo-fission of ²³⁷ Np for nuclear waste	Tuesday, Sept. 16, 2008	16:00-17:20	Brünig	16E3-15. Radiation applications in medicine and industry
log319	oral Heavy reflector experiment in the IPEN/MB-01 reactor	Thursday, Sept. 18, 2008	10:45-12:25	Theater	18A1-11. Integral experiments and analysis – III
log322	poster Influence of calculational approximations on temperature coefficient	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-04. Core analysis
log324	oral Scouting the feasibility of Monte Carlo reactor dynamics simulations	Monday, Sept. 15, 2008	10:45-12:25	Congress II	15D1-03. Monte Carlo reactor analysis
log325	oral Validation of criticality calculation for systems with MOX powders	Tuesday, Sept. 16, 2008	14:00-15:40	Congress II	16D2-06. Criticality safety methods
log327	oral Verification of completeness of spent nuclear fuel assemblies by measurement	Tuesday, Sept. 16, 2008	14:00-15:40	Brünig	16E2-15. Radiation applications for nuclear safety
log328	poster GALILEE: A nuclear data processing system for transport, depletion	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log330	oral Application of TRACE/PARCS to BWR stability analysis	Thursday, Sept. 18, 2008	10:45-12:25	Ballroom	18B1-07. BWR transient analysis
log332	oral An arbitrary high order non-equally-probable step function representation	Monday, Sept. 15, 2008	14:00-15:40	Congress II	15D2-03. Monte Carlo methods - I
log334	oral Interior beam searchlight semi-analytical benchmark	Tuesday, Sept. 16, 2008	14:00-15:40	Congress I	16C2-02. Transport methods – IV

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log338	oral	Neutron cross section measurements at GELINA to improve the con	Monday, Sept. 15, 2008	10:45-12:25	Ballroom	15B1-01. Nuclear data measurements and evaluat
log340	oral	ATWS Transients for a Gas-Cooled Fast Reactor	Tuesday, Sept. 16, 2008	16:00-17:20	Ballroom	16B3-09. Gas-cooled fast reactor design and safet
log341	oral	Safety aspects of high power targets for European spallation sources	Wednesday, Sept. 17, 2008	16:00-17:20	Congress II	17D3-10. Spallation sources
log342	oral	Research and training supporting reactor systems in the Euratom Fr	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress II	18D0-16. Nuclear power and sustainable develop
log343	oral	Sustainability of uranium sources	Wednesday, Sept. 17, 2008	10:45-12:25	Theater	17A1-16. Nuclear power and sustainable develop
log344	poster	The advanced BWR core simulator AETNA02	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-04. Core analysis
log345	oral	Activities of the computational medical physics working group	Tuesday, Sept. 16, 2008	16:00-17:20	Brünig	16E3-15. Radiation applications in medicine and in
log346	oral	Nuclear power & sustainable development: a vision from a developin	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress II	18D0-16. Nuclear power and sustainable develop
log348	oral	Sensitivity analysis of characteristics of spent mixed oxide fuel	Tuesday, Sept. 16, 2008	10:45-12:25	Ballroom	16B1-01. Validation and application of evaluated li
log349	poster	Conceptual design of a small long life fast reactor core loaded with P	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log350	poster	Improvement effect of neutronics design accuracy by conducting MA	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log351	oral	Evaluation of the covariance matrix of the ²³⁵ U neutron induced pro	Monday, Sept. 15, 2008	14:00-15:40	Ballroom	15B2-01. Covariance data
log352	oral	Approximate estimation of effective delayed neutron fraction with corr	Wednesday, Sept. 17, 2008	10:45-12:25	Brünig	17E1-03. Monte Carlo methods – II
log353	poster	Progress in evaluated nuclear data for Tungsten with covariances	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log355	oral	Optimization and simplification of the concept of non-moderated Thor	Wednesday, Sept. 17, 2008	10:45-12:25	Congress I	17C1-05. Fuel and core design for advanced syste
log358	oral	Neutron transport in one dimensional spherical geometry with stocha	Tuesday, Sept. 16, 2008	14:00-15:40	Congress I	16C2-02. Transport methods – IV
log360	poster	Optimal choice of data on delayed neutrons	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data

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log364	oral CASMO-5 energy release per fission model	Wednesday, Sept. 17, 2008	10:45-12:25	Ballroom	17B1-04. Lattice and core physics methods
log366	poster PENBURN – A 3-D Zone-Based Depletion/Burnup Solver	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log367	poster Feasibility of embedding nodal homogenization in next generation m	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log368	poster Hybrid harmonics and linearization perturbation method for fast loadi	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log369	oral Improved nodal kinetics data model for BWR transient calculations	Thursday, Sept. 18, 2008	10:45-12:25	Ballroom	18B1-07. BWR transient analysis
log370	poster DLOFC transient analysis for PBMR with NEM/THERMIX	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log371	oral The OECD/NEA/NSC PBMR400 MW coupled neutronics thermal hy	Wednesday, Sept. 17, 2008	14:00-15:40	Ballroom	17B2-07. PBMR-400 transient analysis
log373	oral Fuel burnup analysis of a 17X17 PWR assembly using the PENTRA	Wednesday, Sept. 17, 2008	14:00-15:40	Congress I	17C2-05. LWR fuel and core design
log375	oral A posteriori error estimator and AMR for discrete ordinates nodal tran	Monday, Sept. 15, 2008	14:00-15:40	Congress I	15C2-02. Transport methods – II
log377	oral The ELSY Project	Thursday, Sept. 18, 2008	10:45-12:25	Congress I	18C1-09. Sodium- and lead-cooled fast reactor de
log378	poster Development of a test suite for nuclear data verification and validatio	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log379	poster Improved estimation of the variance in Monte Carlo criticality calculat	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log380	oral Comparative analysis of neutronics/thermal-hydraulics multi-scale co	Thursday, Sept. 18, 2008	8:10-10:15 [	Ballroom	18B0-07. Advanced methodologies for multi-physi
log381	poster Probability density estimation using neural networks in Monte Carlo c	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log382	poster Verification of the AEGIS/SCOPE2 in-core fuel management system	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log383	poster Analysis of OECD/NEA/NSC PBMR400 transient benchmark proble	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log384	poster A varied-order sweeping technique for the coarse mesh transport me	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory

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log386	oral	Burnable poison for reactivity management in a Very High Temperat	Wednesday, Sept. 17, 2008	10:45-12:25	Congress I	17C1-05. Fuel and core design for advanced syste
log388	poster	Actinide closed water cooled thorium breeder reactor	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log390	poster	Uncertainty propagation in Monte Carlo depletion analysis	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log391	oral	Real variance estimation in Monte Carlo Wielandt calculations	Monday, Sept. 15, 2008	14:00-15:40	Congress II	15D2-03. Monte Carlo methods - I
log395	oral	Characteristics and performance of the neutron powder diffractomete	Wednesday, Sept. 17, 2008	14:00-15:40	Congress II	17D2-10. Research reactor applications
log396	oral	Relative release-to-birth indicators for investigating TRISO fuel fissio	Thursday, Sept. 18, 2008	10:45-12:25	Brünig	18E1-13. Design and performance of advanced fu
log397	oral	Comparative transient analysis of the 2400MWth GFR with the TRA	Tuesday, Sept. 16, 2008	16:00-17:20	Ballroom	16B3-09. Gas-cooled fast reactor design and safet
log399	poster	Thermal scattering data and criticality safety	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log400	oral	The plutonium temperature effect experimental program	Tuesday, Sept. 16, 2008	10:45-12:25	Congress II	16D1-06. Criticality safety analysis
log402	oral	EQL3D: Methodology for simulation of equilibrium cycle for advanced	Monday, Sept. 15, 2008	16:00-17:20	Brünig	15E3-08. Fuel cycle analysis
log403	oral	Improvement of the resonance scattering treatment in MCNP in view	Monday, Sept. 15, 2008	16:00-17:20	Congress II	15D3-03. Monte Carlo methods for HTRs
log404	oral	Environmental assessment of current and future Swiss electricity sup	Thursday, Sept. 18, 2008	10:45-12:25	Congress II	18D1-16. Nuclear power and sustainable develop
log405	oral	Sustainability of electricity supply technology portfolio	Thursday, Sept. 18, 2008	10:45-12:25	Congress II	18D1-16. Nuclear power and sustainable develop
log406	poster	Minimization of reactor dead time by power monitoring in slow shut d	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-10. Research reactors & spallation sources
log408	oral	Criticality calculations on pebble-bed HTR-PROTEUS configuration a	Monday, Sept. 15, 2008	16:00-17:20	Congress II	15D3-03. Monte Carlo methods for HTRs
log411	oral	A parameterization of the neutronic characteristics of recyclable uran	Wednesday, Sept. 17, 2008	10:45-12:25	Theater	17A1-16. Nuclear power and sustainable develop
log412	oral	Single-phase mixing studies by means of a directly coupled CFD/sys	Thursday, Sept. 18, 2008	8:10-10:15 [Ballroom	18B0-07. Advanced methodologies for multi-physi

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log413	oral A practical limit for actinide transmutation using inert matrix fuels	Monday, Sept. 15, 2008	14:00-15:40	Brünig	15E2-08. Actinide management in thermal spectra
log415	oral Towards GEN IV SFR design: promising ideas for large advanced S	Thursday, Sept. 18, 2008	10:45-12:25	Congress I	18C1-09. Sodium- and lead-cooled fast reactor de
log416	oral Uncertainty evaluation of reactivity coefficients for a large advanced	Tuesday, Sept. 16, 2008	10:45-12:25	Ballroom	16B1-01. Validation and application of evaluated li
log417	oral Parameter tuning by integral responses and response-parameter cor	Monday, Sept. 15, 2008	16:00-17:20	Ballroom	15B3-01. Methods for data evaluation and process
log419	oral A nodal collocation approximation for the multidimensional PL equati	Monday, Sept. 15, 2008	16:00-17:20	Congress I	15C3-02. Transport methods – III
log420	oral Conservative approach for PWR MOX burnup credit implementation	Tuesday, Sept. 16, 2008	16:00-17:20	Congress II	16D3-06. Burnup credit
log421	poster Validation study of depletion calculations performed with a Monte-Ca	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-06. Criticality safety
log424	oral First validation of the new continuous energy version of the MORET5	Wednesday, Sept. 17, 2008	10:45-12:25	Brünig	17E1-03. Monte Carlo methods – II
log425	oral Equilibrium cycle analysis of a gas cooled fast reactor with the EQL3	Tuesday, Sept. 16, 2008	14:00-15:40	Ballroom	16B2-09. Gas-cooled fast reactor design and safet
log426	oral Analysis of metallic uranium fueled BFS critical assemblies with diffe	Wednesday, Sept. 17, 2008	14:00-15:40	Theater	17A2-11. Integral experiments and analysis – I
log427	poster Integral experiment on erbia-loaded thermal spectrum cores using Ky	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log428	oral Transient analysis in the 3D nodal kinetics and thermal-hydraulics A	Tuesday, Sept. 16, 2008	16:00-17:20	Congress I	16C3-07. Best-estimate transient analysis
log429	oral Application of imaginary source multiplication method to subcriticality	Wednesday, Sept. 17, 2008	16:00-17:20	Theater	17A3-11. Measurement techniques
log430	oral A core design study on the fuel displacement options for an effective	Monday, Sept. 15, 2008	10:45-12:25	Brünig	15E1-08. Minor actinide transmutation in fast spec
log431	oral An optimal multilevel technique for the DPN equations in cell-type ge	Monday, Sept. 15, 2008	10:45-12:25	Congress I	15C1-02. Transport methods – I
log432	poster Angular anisotropy representation by probability tables	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log433	oral MCNP qualification on the HTR critical configurations: HTRR, HTR10	Thursday, Sept. 18, 2008	8:10-10:15 [Theater	18A0-11. Integral experiments and analysis – II

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log434	poster An iteration scheme to improve the accuracy of the probability table	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log435	poster Mutant components and scripting in Silene 2d/3d pre & post processi	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log436	poster Benchmark of ALEPH and MonteBurns on French post-irradiation ex	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log437	poster Sensitivity analysis and cross sections data adjustment for multigrou	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log438	oral Monte-Carlo simulations in the context of reactor monitoring with anti	Tuesday, Sept. 16, 2008	16:00-17:20	Brünig	16E3-15. Radiation applications in medicine and in
log440	oral Neutronic design of the XT-ADS core	Monday, Sept. 15, 2008	10:45-12:25	Brünig	15E1-08. Minor actinide transmutation in fast spec
log441	poster The reactivity-equivalent physical transformation method for binary T	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log444	oral Impact of different correlation structures in cross-section covariance	Monday, Sept. 15, 2008	14:00-15:40	Ballroom	15B2-01. Covariance data
log448	oral Full core burn-up calculation at JRR-3 with MVP-BURN	Wednesday, Sept. 17, 2008	10:45-12:25	Congress II	17D1-10. Research reactor physics – II
log449	poster IDT solution to the 3D transport benchmark over a range in paramete	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-12. Reactor physics benchmarks
log450	oral MCNP analysis of generic configurations in the context of the LIFE@	Monday, Sept. 15, 2008	10:45-12:25	Congress II	15D1-03. Monte Carlo reactor analysis
log452	oral Use of 2D whole core reactor models for PWR analysis with APOLL	Wednesday, Sept. 17, 2008	10:45-12:25	Ballroom	17B1-04. Lattice and core physics methods
log453	oral The DRAGON aerosol research facility to study aerosol behaviour for	Wednesday, Sept. 17, 2008	14:00-15:40	Brünig	17E2-14. Facilities for safety research
log454	oral A new decay heat standard proposition based on a technical specific	Wednesday, Sept. 17, 2008	16:00-17:20	Brünig	17E3-12. Standards and regulatory practices
log455	oral Analysis of the response of the capture-gated organic scintillator BC-	Tuesday, Sept. 16, 2008	14:00-15:40	Brünig	16E2-15. Radiation applications for nuclear safegu
log459	oral Status of the pre-design studies of the GFR core	Tuesday, Sept. 16, 2008	14:00-15:40	Ballroom	16B2-09. Gas-cooled fast reactor design and safet
log460	oral HFR advanced computation's models	Tuesday, Sept. 16, 2008	10:45-12:25	Brünig	16E1-10. Research reactor physics – I

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log461	poster	Element of validation of the code DRAGON vs MCNP5 for PWR ass	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log469	oral	Qualification of the APOLLO2.8 code package for the calculation of t	Thursday, Sept. 18, 2008	8:10-10:15 [	Theater	18A0-11. Integral experiments and analysis – II
log470	poster	Adaptive energy mesh constructor for multigroup libraries of the dete	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log471	poster	Recent R&D around the Monte-Carlo code Tripoli-4 for criticality calc	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log472	oral	Analysis of reactivity insertion transients in the ETDR – a small Gas	Tuesday, Sept. 16, 2008	14:00-15:40	Ballroom	16B2-09. Gas-cooled fast reactor design and safet
log473	oral	Neutron resonance parameters of 55Mn from Reich-Moore analysis	Monday, Sept. 15, 2008	10:45-12:25	Ballroom	15B1-01. Nuclear data measurements and evaluat
log474	oral	Fuel cycle options and sustainability for new nuclear build in the UK	Thursday, Sept. 18, 2008	10:45-12:25	Congress II	18D1-16. Nuclear power and sustainable develop
log475	oral	Coupled high fidelity thermal hydraulics and neutronics for reactor sa	Tuesday, Sept. 16, 2008	16:00-17:20	Congress I	16C3-07. Best-estimate transient analysis
log477	oral	Reactor antineutrino detection for thermal power measurement and n	Tuesday, Sept. 16, 2008	14:00-15:40	Brünig	16E2-15. Radiation applications for nuclear safegu
log478	oral	Evaluation of accuracy of calculational prediction of criticality based	Tuesday, Sept. 16, 2008	14:00-15:40	Congress II	16D2-06. Criticality safety methods
log484	oral	Fuel management in CANDU reactors using tabu search	Wednesday, Sept. 17, 2008	16:00-17:20	Congress I	17C3-05. HWR fuel and core design
log486	oral	Summary of irradiation tests of mixed oxide fuel prepared with weapo	Thursday, Sept. 18, 2008	10:45-12:25	Brünig	18E1-13. Design and performance of advanced fu
log487	poster	Implementation of multi-group cross-section methodology in BGCore	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log488	oral	Verification of the TRANSURANUS burn-up model for WWER fuel a	Thursday, Sept. 18, 2008	10:45-12:25	Brünig	18E1-13. Design and performance of advanced fu
log489	oral	Mixed-oxide (MOX) fuel performance benchmarks	Thursday, Sept. 18, 2008	8:10-10:15 [	Brünig	18E0-13. LWR fuel performance
log490	poster	Analysis of RBMK-1500 fuel rod behaviour in case of reactivity initiati	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log491	oral	Photoproduction data for heating calculations	Tuesday, Sept. 16, 2008	10:45-12:25	Brünig	16E1-10. Research reactor physics – I

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log492	oral	Arnoldi's method of minimized iterations for Monte Carlo criticality cal	Wednesday, Sept. 17, 2008	10:45-12:25	Brünig	17E1-03. Monte Carlo methods – II
log493	poster	Preliminary core design of the European lead-cooled system	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log494	oral	Flexible conversion ratio lead cooled reactor design	Thursday, Sept. 18, 2008	10:45-12:25	Congress I	18C1-09. Sodium- and lead-cooled fast reactor de
log495	oral	The potential use of ²⁴¹ Am as proliferation resistant burnable poison	Monday, Sept. 15, 2008	14:00-15:40	Brünig	15E2-08. Actinide management in thermal spectra
log496	poster	Subcriticality measurement by neutron source multiplication method	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log498	poster	Post test calculation of OECD/ROSA test 6.2	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log501	poster	New neutron-induced cross-section measurements for improved nucl	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log502	oral	New cross section processing methodology for HFIR core analysis	Tuesday, Sept. 16, 2008	10:45-12:25	Brünig	16E1-10. Research reactor physics – I
log506	oral	The physics design of the advanced CANDU reactor	Wednesday, Sept. 17, 2008	16:00-17:20	Congress I	17C3-05. HWR fuel and core design
log510	poster	Jacobian-free Newton Krylov discontinuous Galerkin method and phy	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log516	oral	Spectral zones selection methodology for pebble bed reactors	Wednesday, Sept. 17, 2008	14:00-15:40	Ballroom	17B2-07. PBMR-400 transient analysis
log517	oral	PANDA: a Large Scale Multi-Purpose Facility for LWR Safety Resear	Wednesday, Sept. 17, 2008	14:00-15:40	Brünig	17E2-14. Facilities for safety research
log518	poster	WWER fuel failure root causes investigation on reactor LR-0	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log521	oral	Application of high-order diamond differencing schemes to 3D cartesi	Monday, Sept. 15, 2008	10:45-12:25	Congress I	15C1-02. Transport methods – I
log522	oral	Fuel cycle flexibility of ACR-1000	Wednesday, Sept. 17, 2008	16:00-17:20	Congress I	17C3-05. HWR fuel and core design
log524	oral	Analysis of a rod withdrawal in a PWR core with the neutronics-therm	Tuesday, Sept. 16, 2008	16:00-17:20	Congress I	16C3-07. Best-estimate transient analysis
log525	oral	Application of Monte Carlo methods to the evaluation of the criticality	Tuesday, Sept. 16, 2008	10:45-12:25	Congress II	16D1-06. Criticality safety analysis

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log526	oral	High resolution time integration for Sn radiation transport	Monday, Sept. 15, 2008	16:00-17:20	Congress I	15C3-02. Transport methods – III
log527	oral	SIMULATE-4 developments	Wednesday, Sept. 17, 2008	10:45-12:25	Ballroom	17B1-04. Lattice and core physics methods
log528	poster	Cross section homogenization analysis for a simplified CANDU react	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log530	oral	Multilevel transport solution of LWR reactor cores	Monday, Sept. 15, 2008	10:45-12:25	Congress I	15C1-02. Transport methods – I
log533	oral	Analysis of a fast spectrum irradiation facility in the high flux isotope r	Wednesday, Sept. 17, 2008	14:00-15:40	Congress II	17D2-10. Research reactor applications
log534	oral	Application of noise analysis in determination of moderator temperat	Tuesday, Sept. 16, 2008	16:00-17:20	Theater	16A3-04. Core instrumentation and noise analysis
log535	poster	ENDF/B-VII continuous energy library verification	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log536	poster	Criticality safety analysis of the incident occurred at Paks NPP in 200	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-06. Criticality safety
log537	oral	Estimation of accuracy for calculation of neutron field distribution in f	Wednesday, Sept. 17, 2008	14:00-15:40	Theater	17A2-11. Integral experiments and analysis – I
log538	poster	Effect of direction-dependent diffusion coefficients on the accuracy of	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log539	oral	Parallel decomposition and adaptive differencing issues in the whole	Wednesday, Sept. 17, 2008	10:45-12:25	Congress II	17D1-10. Research reactor physics – II
log541	poster	Performance evaluation of MOZAIK for PSBR's beam port design cal	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-10. Research reactors & spallation sources
log543	oral	Economics of symbiotic nuclear fleets at equilibrium	Thursday, Sept. 18, 2008	10:45-12:25	Congress II	18D1-16. Nuclear power and sustainable develop
log544	poster	Measurements of 14.1 MeV neutron reflection and transmission for c	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-12. Reactor physics benchmarks
log545	oral	Development and validation of a CANDU liquid poison injection shutd	Thursday, Sept. 18, 2008	8:10-10:15 [	Ballroom	18B0-07. Advanced methodologies for multi-physi
log548	poster	Equilibrium transuranic management scheme for diverse fuel cycle a	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log550	oral	TORT solutions to the NEA suite of benchmarks for 3D transport met	Tuesday, Sept. 16, 2008	10:45-12:25	Congress I	16C1-12. Code validation and benchmarks

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log552	oral	Calculation of the thermal neutron scattering cross section of alpha q	Monday, Sept. 15, 2008	16:00-17:20	Ballroom	15B3-01. Methods for data evaluation and process
log556	poster	Graphite thermal neutron scattering cross section calculations includi	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log557	poster	Concept for multi-cycle nuclear fuel optimization based on parallel si	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log559	oral	A proposed kernel density estimator method for Monte Carlo eigenva	Monday, Sept. 15, 2008	14:00-15:40	Congress II	15D2-03. Monte Carlo methods - I
log560	poster	MCNPX 2.6 depletion method enhancements and testing	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log561	poster	Reduction of repository heat load using advanced fuel cycles	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log562	oral	The advanced test reactor irradiation capabilities available as a natio	Wednesday, Sept. 17, 2008	14:00-15:40	Congress II	17D2-10. Research reactor applications
log563	poster	Novel hybrid scheme to compute several dominant eigenmodes for r	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log565	poster	Two-node semi-analytic nodal method solution for axial P3 formulatio	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-02. Transport theory
log567	poster	Bidirectional conversion between CAD model and TRIPOLI model: a	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-03. Monte Carlo methods
log568	oral	A generalized KPSS test for stationarity detection in Monte Carlo eig	Wednesday, Sept. 17, 2008	10:45-12:25	Brünig	17E1-03. Monte Carlo methods – II
log569	oral	Core lifetime and fuel utilization in prismatic VHTR cores	Wednesday, Sept. 17, 2008	10:45-12:25	Congress I	17C1-05. Fuel and core design for advanced syste
log571	poster	MOX fuel assembly design equivalent to enriched uranium fuel for B	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log572	oral	A Krylov subspace method to calculate k- and α -eigenvalues	Monday, Sept. 15, 2008	16:00-17:20	Congress I	15C3-02. Transport methods – III
log574	oral	Progress on the materials test station	Wednesday, Sept. 17, 2008	16:00-17:20	Congress II	17D3-10. Spallation sources
log576	poster	Neutronic analysis of the PB-AHTR integral design	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log577	poster	Autonomous multi-purpose floating power system with a compact sta	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design

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log579	poster Prediction of burnup for fuel sample irradiations in the HFR	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-10. Research reactors & spallation sources
log581	oral Detailed investigation of neutron emitters in the transmutation of min	Monday, Sept. 15, 2008	16:00-17:20	Brünig	15E3-08. Fuel cycle analysis
log584	oral Achieving sustainability in fuel cycles with Th-fuelled thermal breeder	Thursday, Sept. 18, 2008	10:45-12:25	Congress II	18D1-16. Nuclear power and sustainable develop
log585	oral Xuthos: a discontinuous Galerkin transport solver for NEWT based o	Monday, Sept. 15, 2008	14:00-15:40	Congress I	15C2-02. Transport methods – II
log589	oral Combining MC2-2 and SCALE cross section methods to process nuc	Monday, Sept. 15, 2008	16:00-17:20	Ballroom	15B3-01. Methods for data evaluation and process
log590	oral Plutonium and minor actinides multi-recycling in PWR using hydride f	Monday, Sept. 15, 2008	14:00-15:40	Brünig	15E2-08. Actinide management in thermal spectra
log591	oral Models for coolant void reactivity evaluation in CANDU generation II	Tuesday, Sept. 16, 2008	14:00-15:40	Theater	16A2-04. Core analysis validation
log592	poster Analysis of new challenges in non-proliferation education	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-16. Nuclear power and sustainable develop
log594	poster New neutron, proton, and S(α,β) MCNP data libraries based on END	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log595	oral Actinide ENDF/BVII cross section evaluations and validation testing	Monday, Sept. 15, 2008	10:45-12:25	Ballroom	15B1-01. Nuclear data measurements and evaluat
log596	oral Monte Carlo space-time reactor kinetics method and its verification w	Monday, Sept. 15, 2008	14:00-15:40	Congress II	15D2-03. Monte Carlo methods - I
log597	oral Minor actinide transmutation as burnable poison and fuel in supercriti	Monday, Sept. 15, 2008	10:45-12:25	Brünig	15E1-08. Minor actinide transmutation in fast spec
log601	poster A feasibility study of sub-criticality monitoring for ADS via static flux d	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log602	oral Nuclear Energy Risks and Benefits in Perspective	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress II	18D0-16. Nuclear power and sustainable develop
log603	oral Structure, conduct, and sustainability of the international low-enriche	Wednesday, Sept. 17, 2008	10:45-12:25	Theater	17A1-16. Nuclear power and sustainable develop
log604	oral Finding synergy between local competitiveness and global sustainabi	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress II	18D0-16. Nuclear power and sustainable develop
log605	oral The mechanical control absorber reactivity dependence on the enrich	Tuesday, Sept. 16, 2008	10:45-12:25	Theater	16A1-04. Core analysis – III

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log606	oral	Thermal-hydraulics analysis for advanced fuel to be used in CANDU	Wednesday, Sept. 17, 2008	16:00-17:20	Congress I	17C3-05. HWR fuel and core design
log607	poster	Propagation of void fraction uncertainty measures in the RETRAN-3	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log608	oral	DANESS v4.0: an integrated nuclear energy system assessment cod	Wednesday, Sept. 17, 2008	10:45-12:25	Theater	17A1-16. Nuclear power and sustainable develop
log609	oral	Validation of MCNP and WIMS-AECL/DRAGON/RFSP for ACR-1000	Thursday, Sept. 18, 2008	8:10-10:15 [	Theater	18A0-11. Integral experiments and analysis – II
log610	oral	Application of chord length sampling to VHTR unit cell analysis	Monday, Sept. 15, 2008	16:00-17:20	Congress II	15D3-03. Monte Carlo methods for HTRs
log611	poster	2D core calculations for VVER-1000 with APOLLO2	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-02. Transport theory
log617	oral	Optimization of americium-loaded lattices tested in 3D BWR corewid	Monday, Sept. 15, 2008	14:00-15:40	Brünig	15E2-08. Actinide management in thermal spectra
log618	poster	Neutron cross section libraries for cryogenic aromatic moderator mat	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log619	oral	Time-dependent model calibration through consistent data assimilati	Tuesday, Sept. 16, 2008	16:00-17:20	Theater	16A3-04. Core instrumentation and noise analysis
log625	poster	Improved reactor core calculations with JEFF-3.1 data	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log626	poster	Spatial coupling for coupled code safety analysis of BWR design-bas	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-04. Core analysis
log627	oral	Detailed characterization of the experimental shield tank facility at th	Wednesday, Sept. 17, 2008	10:45-12:25	Congress II	17D1-10. Research reactor physics – II
log629	oral	Design of BWR instability suppression system	Thursday, Sept. 18, 2008	10:45-12:25	Ballroom	18B1-07. BWR transient analysis
log630	poster	Physics and thermal hydraulics design of a small reactor based on th	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-05. Advanced fuel and core design
log632	oral	Gas production and activation calculation in MEGAPIE	Wednesday, Sept. 17, 2008	16:00-17:20	Congress II	17D3-10. Spallation sources
log634	poster	Global adjoint sensitivity analysis and optimization: computation of cr	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log635	poster	RELAP5-3D© three dimensional neutron kinetics coupled thermalhyd	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients

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log638	poster	Validational exercises with RELAP5/PARCS coupled codes using Ri	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log639	poster	Coupled RELAP5/PARCS main steam line break calculations before	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-07. NPP transients
log641	oral	Study on kinetic transport solvers for pin-by-pin core calculation	Monday, Sept. 15, 2008	16:00-17:20	Theater	15A3-04. Core analysis – II
log643	oral	Advances in U.S. reactor physics standards	Wednesday, Sept. 17, 2008	16:00-17:20	Brünig	17E3-12. Standards and regulatory practices
log645	poster	A computer code system ARCADIA for fast reactor core analysis and	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-09. Fast reactor design and safety
log647	oral	The neutron transport solution using Daubechies' wavelet discretizati	Tuesday, Sept. 16, 2008	14:00-15:40	Congress I	16C2-02. Transport methods – IV
log648	oral	RELAP5 analysis of OECD/NEA ROSA project experiment simulatin	Wednesday, Sept. 17, 2008	14:00-15:40	Brünig	17E2-14. Facilities for safety research
log649	oral	FBR core concepts in the "FaCT" project in Japan	Thursday, Sept. 18, 2008	10:45-12:25	Congress I	18C1-09. Sodium- and lead-cooled fast reactor de
log651	poster	Comparison of kinetic parameters based on continuous energy Mont	Wednesday, Sept. 17, 2008	17:20-19:20	Concert Hall	17P1-11. Integral experiments and analysis
log653	oral	Burnup determination by using multiple burnup indicators for MALIB	Tuesday, Sept. 16, 2008	16:00-17:20	Congress II	16D3-06. Burnup credit
log654	oral	Development of optical fiber detector for measurement of fast neutro	Wednesday, Sept. 17, 2008	16:00-17:20	Theater	17A3-11. Measurement techniques
log655	oral	Analysis of random-loading HTR-PROTEUS cores with continuous e	Monday, Sept. 15, 2008	16:00-17:20	Congress II	15D3-03. Monte Carlo methods for HTRs
log657	poster	Development of core analysis method using three-dimensional direct	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-04. Core analysis
log658	poster	Effects of lead cross section uncertainties on the RBEC-M fast react	Monday, Sept. 15, 2008	17:20-19:20	Concert Hall	15P1-01. Nuclear data
log659	oral	Neutronic characterization of the MEGAPIE target	Wednesday, Sept. 17, 2008	16:00-17:20	Congress II	17D3-10. Spallation sources
log660	oral	Leakage dependent SPH factor for PWR whole core transport calcul	Monday, Sept. 15, 2008	14:00-15:40	Theater	15A2-04. Core analysis – I
log661	poster	A new uncertainty reduction method for PWR cores with erbia bearin	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-04. Core analysis

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log662	oral	Benchmark test for TRU nuclear data by analysis of central fission ra	Wednesday, Sept. 17, 2008	14:00-15:40	Theater	17A2-11. Integral experiments and analysis – I
log663	oral	Nuclear characteristics evaluation for Kyoto University Research Rea	Wednesday, Sept. 17, 2008	10:45-12:25	Congress II	17D1-10. Research reactor physics – II
log664	poster	ARTEMIS: The core simulator of AREVA NP's next generation coupl	Tuesday, Sept. 16, 2008	17:20-19:20	Concert Hall	16P1-04. Core analysis
log667	oral	New WWER benchmark on the LR-0 experimental reactor	Thursday, Sept. 18, 2008	10:45-12:25	Theater	18A1-11. Integral experiments and analysis – III
log668	oral	Global energy challenges of the XXI century and nuclear energy	Thursday, Sept. 18, 2008	8:10-10:15 [	Congress II	18D0-16. Nuclear power and sustainable develop