

IYNC 2008 Technical Program Schedule (As of August 21, 2008)

Note: Subject to changes. Please check the final schedule prior to the start of the conference.

Track A Nuclear Science and Technology				
A1 Reactor Core Simulation and Modelling 1				
Paper #	Author	Title	Session ID	Time (Mins)
267	Simo Saarinen	A Four Group Reference Code for Solving Neutron Diffusion Equation in a VVER-440 Core	A1,1	20
383	Pavel Borodkin(1), Nikolay Khrennikov(1)	VVER-440 Ex-Core Neutron Transport Calculations by MCNP-5 Code and Comparison with Experiment	A1,2	20
223	Frédéric PAIROT	EPR : HIGH LOAD VARIATION PERFORMANCES WITH THE "TMODE" CORE CONTROL	A1,3	20
A1 Reactor Core Simulation and Modelling 2				
Paper #	Author	Title	Session ID	Time (Mins)
303	Jaakko Ilmari Leppänen	On the Calculation of Reactor Time Constants Using the Monte Carlo Method	A1,4	20
208	Olga Pavlova	USE OF MONTE CARLO SIMULATION FOR COMPUTATIONAL ANALYSIS OF CRITICAL SYSTEMS ON IPPE'S FACILITY ADDRESSING	A1,5	20
420	IAN HILL	MCNP Simulations of End Flux Peaking in ACR-1000, 2.4 wt % 235U Fuel Bundles	A1,6	20
A2 Reactor Safety				
Paper #	Author	Title	Session ID	Time (Mins)
408	Mark McIntyre (1) David Reeves (1) Robyn Prime (2)	Implementation of an Improved Safe Operating Envelope	A2,1	20
363	Sergey V. Tsyganov, Stanislav V. Marin, Lev K. Shishkov	The Procedure for Determination of Special Margin Factors to Account for a Bow of the VVER-1000 Fuel Assemblies	A2,2	20
241	Mariano Vela, Rolando Arrieta, Alberto Salazar, José Félix, Agustín Urcia	Time Delay Measurement for the Initiation of an Emergency Shutdown at Peruvian Nuclear Reactor RP-10	A2,3	20
296	Arkady Serikov(1), Ulrich Fischer(1), Luigi Mercatali(1), Peter Baeten(2), Guir	Activation and Shielding Analyses in Support of the GUINEVERE Project	A2,4	20
140	Jian Tao Jiang	Modeling Pool Film Boiling and Quench on the Outer Surface of a Calandria-Tube Following a Critical Break LOCA in a CANDU Reactor	A2,5	20
A3 Structural Integrity and Assessment 1				
Paper #	Author	Title	Session ID	Time (Mins)
337	Alexander Mutz	Strain Limits within the Scope of the Integrity Assessment of Piping Systems	A3,1	20
309	Matthias Hümmer	Multi Scale Modelling	A3,2	20
426	Heiko Herbell(1), Steffen Himmel(2), Thomas Schulenberg(2)	Mechanical Analysis of an Innovative Assembly Box with Honeycomb Structures Designed for a High Performance Light Water Reactor	A3,3	20
A3 Structural Integrity and Assessment 2				
Paper #	Author	Title	Session ID	Time (Mins)
263	Tomas Nicak, Matthias Hümmer	Calculation of residual stresses by means of a 3D numerical weld simulation	A3,4	20
270	Jarmila Degmova (1, 2), Luigi Debarberis(1)	Characterization of Realistic Welds with Parametric Variation of Ni, Mn, Si and Cr	A3,5	20
400	Byeongwook Noh	Sensitivity Analysis for Residual Stress on DVI Nozzle Welded Joint	A3,6	20
A4 Severe Accident Management 1				
Paper #	Author	Title	Session ID	Time (Mins)
225	Andrea Bachratá	In-Vessel Retention via External Reactor Cooling	A4,1	20
108	Sergei A. Kulyukhin(1), Nikolai B. Mikheev(1), Leo N. Falkovskii(2), Leo A. R	A NEW SOLUTIONS FOR INCREASING OF ENVIRONMENTAL PROTECTION DURING SEVERE ACCIDENTS AT NUCLEAR POWER PL	A4,2	20
189	Martin Bauer (1), Jürgen Eyink (1), Mohammad Movahed (2)	Hydrogen Analysis in the EPR	A4,3	20
A4 Severe Accident Management 2				
Paper #	Author	Title	Session ID	Time (Mins)
224	Andrea Bachratá (1), Laurence Godin-Jacqmin (2)	Validation of Code ASTEC with LIVE-L1 Experimental Results	A4,4	20
161	Andrey Morozov	Experimental Investigation of Operation of VVER Steam Generator in Condensation Mode in the Event of the Severe Accident	A4,5	20
417	Mika Pikkarainen(1), Jani Laine(1), Heikki Purhonen(1), Riitta Kyrki-Rajamäki	Heat Transfer Analysis of the European Pressurized Water Reactor (EPR) Core Catcher Test Facility Volley	A4,6	20
A5 Operations and Maintenance 1				
Paper #	Author	Title	Session ID	Time (Mins)
118	Daniel Urjan	Foreign Material Exclusion Program at CNE CERNAVODA Nuclear Generating Station	A5,1	20
272	Stefano Caruso	On-line Core Monitoring at the BEZNAU PWRs	A5,2	20
244	Barnaby Jonathan Bruce, Thomas Schwarz	Up-Rating – An Alternative Approach to Meeting Future Power Demands – Exploitation of Design Margins	A5,3	20
439	Yung Hoang, Benjamin Xu	Vacuum drying operation of a CANDU Primary Heat Transfer System in support of Bruce A Restart	A5,4	20
A5 Operations and Maintenance 2				

Paper #	Author	Title	Session ID	Time (Mins)
373	Sandie Murielle Saumet	Implementation of an environmental management system in NPP	A5,5	20
427	Bharath Nangia, Siddharth Das	Environmental Qualification of Safety Related Equipment	A5,6	20
246	André Zander, Roman Baier	COMSY - A Software Tool for Aging and Plant Life Management with an Integrated Documentation Tool	A5,7	20
348	Seung Jun Lee	Theoretical and Experimental Impact Analysis of Decision Support Systems for Advanced MCR Operators	A5,8	20

A5 Operations and Maintenance 3

Paper #	Author	Title	Session ID	Time (Mins)
380	Clemens Baron	RodPilot® – The Innovative and Cost-Effective Digital Control Rod Drive Control System for PWRs	A5,9	20
410	Lev Zaviyalov	Experience of international projects implementation at Leningrad Nuclear Power Plant	A5,10	20
324	Anders Peterson	Westinghouse experiences from design and analyzes of the Nordic BWR's with respect to electrical transients and uninterruptible power sup	A5,11	20
390	Oliver Wilhelm	Availability Improvement of German Nuclear Power Plants	A5,12	20

A6 Instrumentation and Control

Paper #	Author	Title	Session ID	Time (Mins)
211	Gunnyong Park, Choonghee Jung	A Study on the Verification and Validation of Programmable Logic Component in A Nuclear Power Plant	A6,1	20
235	Joseph Doerfler	Distributed Control Systems in New Nuclear Power Plants	A6,2	20
176	Polad Zahedi	Performance Analysis and Comparative Studies of Digital Controllers in Implementation of CANDU Nuclear Power Plant Shutdown Systems	A6,3	20

A7 Design, Simulation and Testing

Paper #	Author	Title	Session ID	Time (Mins)
200	Gyunyoung Heo (1), Yong Hoon Jeong (2)	Design of Safety Injection Tanks Using Axiomatic Design and TRIZ	A7,1	20
293	Florian Schebitz, Abdelhalim Mekmouche	Design Basis of Core Components and their Realization in the Frame of the EPR's Core Component Development	A7,2	20
286	Alexander Sykora (1) Wolfgang Herr (1) Francois Champomier (2)	Full Scale Component Test Facility KOPRA – Qualification Test of EPR Control Rod Drive Mechanism	A7,3	20
238	pentti varpasuo	NUMERICAL SIMULATION OF SMALL SCALE SOFT IMPACT TESTS	A7,4	20
290	Sara Mostofian	A Model to Reproduce the Response of the Gaseous Fission Product Monitor (GFPM) in a CANDU® 6 Reactor	A7,5	20

A8 Risk Assessment

Paper #	Author	Title	Session ID	Time (Mins)
401	Jong-In Kim	Flow Induced Vibration Analysis in the Flow Entrance Regions	A8,1	20
326	Ilkka Männistö, Otso Cronvall	Combining Discrete-Time Markov Processes and Probabilistic Fracture Mechanics in RI-ISI Risk Estimates	A8,2	20
199	Hyun Gook Kang • Seung-Cheol Jang	Risk Effect of Signal Generation Failures of Digitalized Safety Systems and Main Risk Contributors	A8,3	20

A9 Thermal Hydraulics 1

Paper #	Author	Title	Session ID	Time (Mins)
301	Vaclav Dostal	CFD Simulations of Pb-Bi Two-Phase Flow	A9,1	20
194	Tae-Wan Kim	Effect of Longitudinal and Transverse Pitches on the Convective Heat Transfer from Tube Banks in Crossflow	A9,2	20
122	Yehong Liao, Salih Guentay	Correlation of Steam Generator Mixing Parameters for Severe Accident Hot-Leg Natural Circulation	A9,3	20
382	Kyu-Hyun HAN	Thermal Hydraulic Analysis Of Thorium-Based Annular Fuel Assemblies	A9,4	20
124	Malla Seppälä, Antti Daavittila, Anitta Hämäläinen, Jaakko Leppänen, Jaakko Neutronic and Thermal-hydraulic Modelling of High Performance Light Water Reactor		A9,5	20

A9 Thermal Hydraulics 2

Paper #	Author	Title	Session ID	Time (Mins)
145	Joona Sebastian Kurki	Simulation of thermal hydraulics at supercritical pressures with APROS	A9,6	20
310	Pavel Gabriel Lazaro(1), Elena Nineta Balas (Ghizdeanu)(1)	NUMERICAL STUDY OF THE THERMO-HYDRAULIC BEHAVIOR FOR THE CANDU TYPE FUEL CHANNEL	A9,7	20
381	Maria Naidin, Farina Baig, Yevgeniy Gospodinov and Sarah Mokry.	Supercritical Water-Cooled Nuclear Reactors:Thermodynamic-Cycles and Thermal Options	A9,8	20
352	Carmen Isabella Krau (1) Dietmar Kuhn (1) Thomas Schulenberg (1)	Heat Transfer Phenomena of Supercritical Fluids	A9,9	20
282	Wadim Jaeger(1) Victor h. Sanchez Espinoza(1) Bo Feng(2)	Analysis of an XADS target with the system code TRACE	A9,10	20

A10 Nuclear Chemistry and Materials

Paper #	Author	Title	Session ID	Time (Mins)
202	Alicia Escribano, M ^o Jesús Turrero, Elena Torres, Pedro L. Martín	Concrete/Febeb Bentonite Interaction: Results On Short-Term Column Experiments	A10,1	20
284	Martin Straka, Radka Tulackova, Karolina Chuchvalcova Bimova	Development of Electrochemical Separation Methods from Molten Fluoride Salts	A10,2	20
395	NAIROBY ALBARRAN, TIZIANA MISSANA, URSULA ALONSO, MIGUEL G/	Experimental Studies to Evaluate the Role of Colloids on the Radionuclide Migration in a Crystalline Medium	A10,3	20
288	Luis Sempere Belda	The Unsuspected Roles of Chemistry in Nuclear Power Plants	A10,4	20
374	Sarah Danielle Pretty	Metal-Oxide Film Conversions Involving Large Anions	A10,5	20

A11 Fast Reactor Applications

Paper #	Author	Title	Session ID	Time (Mins)
229	Andrei Moiseyev	System of Modelling and Calculation Analysis of Neutron-Physical Experiments at Fast Reactors	A11,1	20
312	Pauli Petteri Juutilainen	Simulating the Behaviour of the Fast Reactor JOYO	A11,2	20
358	Francis Allen(1), Hugues W. Bonin(2)	Extending the CANDU Nuclear Reactor Concept: The Multi-Spectrum Nuclear Reactor	A11,3	20

A12 Advanced Calculation Methodologies 1

Paper #	Author	Title	Session ID	Time (Mins)
144	B. Becker (1), R. Dagan (1), C. H. M. Broeders (1), G. H. Lohnert (2)	Impact of the Improved Resonance Scattering Kernel on HTR Calculations	A12,1	20
259	Khairol Nizam Mohamed(1), Rokiah @ Rozita Ahmad(2), Mohammad Suhain	Heat Diffusion: A Research On Nuclear Fuel Element in Reaktor TRIGA PUSPATI in Malaysia	A12,2	20
192	Jong-Won Kim(1), Yeon-Gun Lee(1), Goon-Cherl Park(1)	Numerical Analysis on Transient of Steam-gas Pressurizer	A12,3	20

A12 Advanced Calculation Methodologies 2

Paper #	Author	Title	Session ID	Time (Mins)
305	Philipp Oberle (1, 2), C.H.M. Broeders(2), G. Lohnert (3)	Studies of Influences of Scattering Kernels on Multigroup Cross Sections and Integral Results	A12,4	20
340	Eugene Shwageraus, Emil Fridman	Decay Power Calculation for Safety Analysis of Innovative Reactor Systems	A12,5	20
295	A. Schmidt, F. Wehle, S. Opel and R. Velten	Advanced methods for BWR transient and stability analysis	A12,6	20

Track B Nuclear Fuel Cycle and Decommissioning

B1 Waste Management & Storage Technologies 1

Paper #	Author	Title	Session ID	Time (Mins)
403	Christoph Rirschl	Loading and Handling of Casks for Interim Storage	B1,1	20
341	Thomas Funke, Christian Henig	CASTOR® 1000/19: Development and Design of a New Transport and Storage Cask	B1,2	20
294	Sandra Fahland, Michael Hofmann, Otto Bornemann, Stefan Heusermann	Three-dimensional geological and geomechanical modelling of repositories for nuclear waste disposal in deep geological structures	B1,3	20
385	Peter Britan	Scheme of higher-density storage of spent nuclear fuel in Chernobyl NPP Interim Storage Facility No. 1	B1,4	20
345	Ingmar Koischwitz (1), Andreas Dinter (2)	Mobile storage tanks for evaporator concentrate made of Polyethylene	B1,5	20

B1 Waste Management & Storage Technologies 2

Paper #	Author	Title	Session ID	Time (Mins)
327	Stefan Fopp(1), Reinhold Graf(1), Wolfgang Filbert(2)	Disposal Of Spent Fuel In Salt Using Borehole Technology: BSK 3 Concept	B1,6	20
360	Patrick Aebi	Overview of Treatment and Conditioning Practices in Goesgen NPP	B1,7	20
157	Elena Torres Álvarez, María Jesús Turrero, Pedro Luis Martín, Alicia Escibar	Effect of up-scaling on the study of the steel/bentonite interface in a Deep Geological Repository	B1,8	20
261	Richard George Moore, CH Zimmerman, C Scales, A Worrall, HE Sims and L	Options For The Disposition Of UK Civil Plutonium Stocks	B1,9	20
319	Alexandru Octavian Pavelescu, Nineta Balas	The Current State Of The Radioactive Waste Management In Romania	B1,10	20

B2 Decommissioning

Paper #	Author	Title	Session ID	Time (Mins)
357	Camiel de Smet	Construction, Maintenance and Demolition of Nuclear Power Plants	B2,1	20
432	Matej Zachar, Vladimír Nečas	The Optimization of Radioactive Waste Management in the Nuclear Installation Decommissioning Process	B2,2	20
158	Mirko Walberg (1), Jörg Viermann (1), Martin Beverungen (1) Lutz Kemp (2)	Disposal of Steam Generators from Decommissioning of PWR Nuclear Power Plants	B2,3	20
219	Christian Topf	Full System Decontamination (FSD) with the CORDE® Family prior to Decommissioning - Experiences at the German NPP Obrigheim in 2007	B2,4	20

B3 Advanced Fuel Cycles

Paper #	Author	Title	Session ID	Time (Mins)
339	Eugene Shwageraus, Daphna Volasky, Emil Fridman	High Conversion Thorium Fuel Cycle for PWRs	B3,1	20
334	Samuel Otis Brinton	An Initial Study on Modeling the Global Thermal and Fast Reactor Fuel Cycle Mass Flow Using Vensim	B3,2	20
181	Astrid Meier (1), Wolfgang Bernnat (1), Günter Lohnert (1)	Methods for the calculation of Pebble Bed HTRs with high burn-up Pu/MA based fuel	B3,3	20
314	Steffen Wissel, Oliver Mayer-Spohn	CO2 emissions of nuclear electricity generation	B3,4	20
222	Yury E. Golovko	Consistent Set of Experiments from ICSBEP Handbook for Evaluation of Criticality Calculation Prediction of Apparatus of External Fuel Cycle	B3,5	20

B4 Fuel Properties

Paper #	Author	Title	Session ID	Time (Mins)
138	Alexander Kolokol, Alexander Shimkevich	Molecular-Dynamic Simulation In Substation Of Advanced Fuel With Improved Properties	B4,1	20
254	Michelangelo Durazzo (1) Humberto Gracher Riella (2)	Studies on the Sintering Behaviour of UO2-Gd2O3 Nuclear Fuel	B4,2	20
344	Elena Andrianova, Viktor Tsibulskiy	Increase Burn-up of Fuel in VVER	B4,3	20
146	Stéphane VAUDEZ, Chantal RIGLET-MARTIAL, Laurent PARET and Eric AÛ	GEN IV : Carbide Fuel Elaboration for the "Futurix Concepts" experiment	B4,4	20

260	Khairol Nizam Mohamed (1), Mohammad Suhaimi Kassim (2)	AN OVERALL ANALYSIS OF RTP FUEL MANAGEMENT USING TRIGAM CODE	B4,5	20
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Track C New Plant Construction

C1 New Build Initiatives

Paper #	Author	Title	Session ID	Time (Mins)
317	Zivile Giedraityte	ADVANCED LIGHT WATER REACTOR PLANT	C1,1	20
236	Andrey Morozov, Alexandra Soshkina	Passive Core Cooling Systems for Next Generation NPPs: Characteristics and State of the Art	C1,2	20
311	Dr. D. Knoche (1), Dr. F. Sassen (1), Dr. W. Tietsch (1), Prof. Dong Yujie (2)	Advanced Nuclear Reactor Concepts for China	C1,3	20
221	Denys Zenyuk	CONSTRUCTION PROSPECTS OF NEW POWER UNITS AT KHMELNITSKIY NPP SITE	C1,4	20
384	Riitta Dersten, Sini Gahmberg, Jenni Takala	Environmental Impact Assessment for Olkiluoto 4 Nuclear Power Plant Unit in Finland	C1,5	20

Track D Non-Power Application of nuclear

D1 Innovative Applications 1

Paper #	Author	Title	Session ID	Time (Mins)
269	JinYoung Chung, JungHoon Kim, Jooho Whang	BASIC CONCEPTUAL DESIGN OF THE GAMMA GAUGE	D1,1	20
378	Reuben Ephraim Makgae	MCNP Variance Reduction technique application for the Development of the Citrusdal Irradiation Facility	D1,2	20
321	Luciana Caminha Afonso and Linda Viola Ehlin Caldas	Study of the Influence of Scattered Radiation at a Gamma Irradiator	D1,3	20
237	Andrey Morozov	Comparative Analysis of Hydrogen Production Methods with Fast Nuclear Reactors	D1,4	20

D2 Innovative Applications 2

Paper #	Author	Title	Session ID	Time (Mins)
210	KIM JUNGHOO	Evaluation of Radiiodine Thyroid Uptake and Urinary Excretion in Korean	D2,1	20
164	Spencer Gill (1), Andrew Harrison (1), Liaohui Liu (1), David Zekveld (1), Dr.	DETERMINING SOOT DISTRIBUTION IN AUTOMOTIVE COMPONENTS USING NEUTRON RADIOGRAPHY	D2,2	20
359	Javier Gómez Barria, Julio Favián, Mariano Vela Mora	Evaluation of Soils Contained in Mineral Tailings at Junin Lake	D2,3	20
409	Stanislav Sojak, V Kršjak, V. Slugeň, S. Stanček, M. Petriska, K. Vitázek, M.	Application of the Positron Annihilation Spectroscopy for Chromium Effect Investigation in Binary Fe-Cr Alloys	D2,4	20

Track E Nuclear Politics, Economics and Human Resources

E1 Economics and Human Resources

Paper #	Author	Title	Session ID	Time (Mins)
342	Dinesh Naidoo	KEY ELEMENTS OF A SUSTAINABLE NUCLEAR BUSINESS CASE	E1,1	20
431	Thomas Muhale Mutshena	Skills Development and Transfer Plan	E1,2	20
190	IFEOLUWA OLUYEMI	UTILIZATION OF ICT-BASED TRAINING/LEARNING FOR CAPACITY BUILDING IN NUCLEAR RESEARCH REACTOR UTILIZATION	E1,3	20
430	Disang Sennanye	Knowledge Management and Transfer	E1,4	20
375	Thomas Winkler, Marco Streit	Modelling The Economics Of A New Nuclear Power Plant In Switzerland	E1,5	20

E2 Nuclear Politics

Paper #	Author	Title	Session ID	Time (Mins)
276	John Bird	Nuclear Renaissance in an Era of Anthropogenic Climate Change	E2,1	20
369	Marco Streit	Utopia Switzerland (2) - A Country Without CO2 Emissions	E2,2	20
393	Nathalie HUBERT	Joining the Nuclear Renaissance with the Engineering business Unit of AREVA	E2,3	20
268	Zainab Muhtar Bello	Perception.influence and reputation of Nuclear Science and Technology	E2,4	20
278	Jeetesh Bhana Keshaw	A World Class Nuclear Research Reactor Complex for South Africa's Nuclear Future	E2,5	20

Track F Young Generation and IYNC activities

F1 YGN Activities

Paper #	Author	Title	Session ID	Time (Mins)
418	Jan Langenberger Jana Seidel	Fuel Services Germany - AREVA NP	F1,1	20
370	Marco Streit(1), Thomas Bichsel (2), Andre Fassbender (3), Matthias Horvat	Nuclear Energy In Switzerland: It's going ahead!	F1,2	20
354	Nonkululeko Fionah Khathi	SAYNPS Participation in Nuclear Public Education in South Africa	F1,3	20
435	Miguel Anegil Millán, Jose Luis Perez, Miguel Sanchez Lopez	Spanish Young Generation (JYNN) Activities	F1,4	20

Track G ENEN Presentations**G1 ENEN Presentations 1**

Paper #	Author	Title	Session ID	Time (Mins)
TBD	V.D. Simutkin	Measurement of Fragment Mass Distributions in Neutron-induced Fission of 238U and 232Th at Intermediate Energies	G1,1	20
TBD	Ondrej Benes	A Thermodynamic Model for the Fuel of a Molten Salt Actinide Burner	G1,2	20
TBD	F. Sordo ¹ , A. Abánades ¹	DEVELOPMENT OF NUCLE DESIGN CRITERIA FOR NEUTRON SPALLATION SOURCES	G1,3	20

G2 ENEN Presentations 2

Paper #	Author	Title	Session ID	Time (Mins)
422	Davide Bertolotto (1, 2) Annalisa Manera(1) Horst-Michael Prasser(1, 3) Rako	CFD Simulations of a Single-phase Mixing Experiment		20
TBD	Zsuzsanna Mácsik, Nóra Vajda, Balázs Bene, Zsolt Varga	Development of Radioanalytical and Microanalytical Procedures for the Determination of Actinides in Environmental Samples	G2,1	20
TBD	D. McKendrick ¹ , S. R. Biggs ¹ , M. Fairweather ¹ and D. Rhodes	Physical Modelling of Axisymmetric Turbulent Impinging Jets as used within the Nuclear Industry for Mobilisation of Sludges	G2,2	20
TBD	Juan Andrés Lozano, José María, Aragonés, Nuria García-Herranz	Development of an Analytic Nodal Diffusion Solver in Multigroups for 3D Reactor Cores with Rectangular or Hexagonal Assemblies	G2,3	20

G3 ENEN Presentations 3

Paper #	Author	Title	Session ID	Time (Mins)
TBD	Eleonora Bomboni ¹	New Developments in Actinides Burning with Symbiotic LWR-HTR-GCFR Fuel Cycles	G3,1	20
TBD	I. Uytendhouwen, V. Massaut, G. Van Oost	Plasma Wall Interaction Phenomena on Tungsten Armour Materials for Fusion Applications	G3,2	20
TBD	S. Sojak, V Kršjak, V. Slugeň, S. Stanček, M. Petriská, K. Vitázek, M. Stacho	Application of the Positron Annihilation Spectroscopy for Chromium Effect Investigation in Binary Fe-Cr Alloys	G3,3	20
TBD	Wassim Khamakhem ¹ , Gérald Rimpault ¹	Uncertainty Evaluation of Reactivity Coefficients for a large advanced SFR Core Design	G3,4	20

G4 ENEN Presentations 4

Paper #	Author	Title	Session ID	Time (Mins)
TBD	Benoit Prabel, Stéphane Marie, Alain Combescure	Predictive Modelling of Brittle Crack Propagation in Ferritic Steel with the X-FEM	G4,1	20
TBD	M. Lenoir, A. Grandjean, J.L. Dussossoy, D.R. Neuville	Sulphate Incorporation in Borosilicate Glasses and Melts: a Kinetic Approach	G4,2	20
TBD	B. Becker, R. Dagan, C.H.M. Broeders, G. Lohnert	A Stochastic Proof of the Resonant Scattering Kernel and its Applications for Gen IV Reactors Type	G4,3	20

Track W Workshops

W1	Nuclear Lobbying - A FORATOM Perspective	FORATOM
W2	Challenges for new NPP Projects in Europe	STUK and European Parliament
W3	Risk Management and Public Perception	Prof. David Ropeik, Harvard