

| Sunday 13 May 2018 | Monday 14 May 2018 | | | | Tuesday 15 May 2018 | | | | Wednesday 16 May 2018 | | | | Thursday 17 May 2018 | | | | Friday 18 May 2018 | | | | | | | |
|-----------------------|--|------------------|--|----------------------------------|---------------------|--|------------------|---|--|---------------|---|------------------------------|-----------------------------------|------------------------------------|--|---|---------------------------------|--|----------------------------------|-------------------|--|------------------|-----------|-----------|
| | CONFERENCE SESSIONS | | | | WS | CONFERENCE SESSIONS | | | | WS | CONFERENCE SESSIONS | | | | WS | CONFERENCE SESSIONS | | | | WS | | | | |
| 8:00 | Welcome | | | | | S. Maria | S. Pietro | S. Donato | Elisa | | S. Maria | S. Pietro | S. Donato | Elisa | | S. Maria | S. Pietro | S. Donato | Elisa | | | | | |
| 8:30 | BEPU METHODOLOGY, TECHNICAL AND REGULATORY REQUIREMENTS PL-01: BEPU What else? M. Modro (NINE, Italy) | | | | | A2 ID-110 | C7 ID-176 | KN-A1 M. Panicker (NRC, US) | KN-F1 H. Glaeser (Consultant, Germany) | ROOM A ROOM B | C1 ID-285 | Student-C ID-203 | E3 ID-229 | KN-A4 M. Hursin (PSI, Switzerland) | ROOM A ROOM B | KN-B2 R. Mendizabal (CSN, Spain) | Student-E ID-123 | KN-D1 J. Mlak (NRI, Czech Rep) | KN-E7 W. Zvermann (GRS, Germany) | ROOM A ROOM B | MULTI-PHYSICS AND MULTI-SCALE SIMULATION TOOLS PL-12: NEA Activities to Support Uncertainty Quantification, Validation and Verification for Nuclear Systems Modeling J. Gulliford (OECD/NEA) | ROOM A ROOM B | | |
| 9:00 | BEPU METHODOLOGY, TECHNICAL AND REGULATORY REQUIREMENTS PL-02: Historical Perspectives of BEPU Research U. Rohatgi (BNL, USA) | | | | SFR-UAM-4 | A2 ID-141 | C7 ID-257 | A1 ID-125 | F1 ID-157 | | C1 ID-321 | Student-C ID-204 | E3 ID-290 | A4 ID-244 | | B2 ID-096 | Student-E ID-132 | D1 ID-094 | E7 ID-079 | | MULTI-PHYSICS AND MULTI-SCALE SIMULATION TOOLS PL-13: CASL, Experiences in Multi-Physics and Multi-Scale Simulation Tool Development D. Kropaczek (NCSU, USA) | | | |
| 9:30 | BEPU IN THERMAL-HYDRAULICS: CURRENT ISSUES, CHALLENGES AND FUTURE PERSPECTIVES PL-10: BEPU Status and Perspectives F. D'Auria (UNIPL, Italy) | | | | CTF-5 | A2 ID-187 | C7 ID-276 | A1 ID-201 | F1 ID-310 | | C1 ID-291 | Student-C ID-282 | E3 ID-089 | A4 ID-270 | | B2 ID-133 | Student-E ID-205 | D1 ID-103 | E7 ID-092 | | Coffee Break | | | |
| 10:00 | BEPU IN THERMAL-HYDRAULICS: CURRENT ISSUES, CHALLENGES AND FUTURE PERSPECTIVES PL-11: BEPU Methods using CFD Codes -Progress made within OECD-WGAMA CFD Activities D. Bestaw (CEA, France) | | | | SFR-UAM-4 | BEPU METHODOLOGY: TECHNICAL AND REGULATORY REQUIREMENTS PL-03: BEPU Methodologies and Requirements from the Perspective of IAEA Safety Standard G. Rzenkowskí (IAEA, Austria) | | | | | BEPU METHODOLOGIES AND V&V PROCESS PL-05: Uncertainty in Design and Operation How dealing with? G. Bruna (IRSN, France) | | | | | B2 ID-166 | Student-E ID-254 | D1 ID-213 | E7 ID-104 | | E2 ID-228 | Student-E ID-160 | D2 ID-280 | E7 ID-239 |
| 10:30 | Coffee Break | | | | | BEPU METHODOLOGY: TECHNICAL AND REGULATORY REQUIREMENTS PL-04: Status of BEPU study in NRA and Japan J. Kaneko (NRA-J, Japan) | | | | | BEPU METHODOLOGIES AND V&V PROCESS PL-06: Application of BEPU Methodologies in V&V Process K.Y. Choi (KAERI, South Korea) | | | | | B2 ID-171 | Student-E ID-312 | D1 ID-235 | E7 ID-112 | | E2 ID-242 | Student-E ID-186 | D2 ID-313 | E7 ID-241 |
| 11:00 | KN-A2 J. Zhang (TE, Belgium) | Student-A ID-165 | KN-B1 C. Fropoli (FPolisolutions, US) | KN-C7 L. Herranz (CIEMAT, Spain) | | Coffee Break | | | | | Coffee Break | | | | | E2 ID-253 | Student-E ID-246 | D1 (ID-164) | E7 ID-174 | | Coffee Break | | | |
| 11:30 | A2 ID-088 | Student-A ID-118 | B1 ID-114 | C7 ID-102 | | A2 ID-188 | Student-B ID-082 | A1 ID-087 | F1 ID-326 | | C7 ID-279 | Student-D ID-075 | KN-B3 D. Novog (McMaster, Canada) | A4 ID-305 | BEPU METHODOLOGIES AND INDUSTRIAL APPLICATIONS PL-07: Full BEPU Application for Chapter 15 of Atucha-2 O. Mazzantini (NASA, Argentina) | | | | | Student-E ID-295 | E7 ID-322 | | | |
| 12:00 | A2 ID-090 | Student-A ID-120 | B1 ID-127 | C7 ID-149 | SFR-UAM-4 | A2 ID-262 | Student-B ID-198 | A1 ID-238 | F1 ID-327 | CTF-5 | C7 ID-300 | Student-D ID-156 | B3 ID-143 | A4 ID-323 | BEPU METHODOLOGIES AND INDUSTRIAL APPLICATIONS PL-08: Uncertainty Evaluation in Decommissioning related Tasks on Fukushima Daiichi Accident S. Mizokami (TEPCO, Japan) | | | | | Summary & Closing | | | | |
| 12:30 | A2 ID-108 | Student-A ID-136 | B1 ID-145 | C7 ID-161 | | A2 ID-284 | Student-B ID-231 | A1 ID-299 | | | C7 ID-325 (ID-261) | Student-F ID-129 | B3 ID-172 | | BEPU METHODOLOGIES AND INDUSTRIAL APPLICATIONS PL-09: Realistic Large Break LOCA Methodology for Pressurized Water Reactors L. Gerken (Framatome, USA) | | | | | | | | | |
| 13:00 | LUNCH | | | | | | | | | | | | | | | | | | | | | | | |
| 14:00 | BEPU AND V&V PD-01: BEPU - Role of a Phenomenological Validation and Integral Experiments for Maturing the Predictive Simulations E. Ivanov (IRSN, France) B. Rearden (ORNL, USA) A. Bouloré (CEA, France) K. Velkov (GRS, Germany) J. Baccou (IRSN, France) | | MULTIPHYSICS BEPU PD-05: Margin Management: Intersection of I&C and Safety Analysis S. Cetiner (ORNL, USA) M. Cherabini (NINE, Italy) T. Quinn (Technology Resources, USA) S. Croff (ORNL, USA) J.P. Hudelot (CEA, France) | | | BEPU METHODOLOGIES PD-02: Methodologies for Uncertainty Evaluation of BE Results: Advantages and Disadvantages of different Approaches T. Kozłowski (UUC, USA) J. Hou (NCSU, US) H. Glaeser (Consultant, Germany) A. Petrazzi (NINE, Italy) E. Ivanov (IRSN, France) | | MULTIPHYSICS BEPU PD-04: Interrelations between Thermal-hydraulics, Reactor Physics and Fuel Behavior modelling in BEPU Methodology N. Diah (NCSU, USA) K. Ivanov (NCSU, USA) A. Bouloré (CEA, France) K. Velkov (GRS, Germany) M. Avramova (NCSU, USA) E. Royer (CEA, France) C. Schmiedesch (TE, Belgium) | | | KN-E8a G. Robertson (WH, Sweden) | KN-B4 B. Iooss (EdF, France) | B3 ID-206 | E6 ID-222 | | BEPU METHODOLOGIES PD-03: Are Best Estimate Methodologies also Best-Efforts? A. Petruzzi (NINE, Italy) C. Fropoli (FPS, USA) J. Le Pallec (CEA, France) | | INTERNATIONAL PROGRAMS DEVOTED TO BEPU PD-06: International Program Findings and Recommendations for BEPU M. Avramova (NCSU, USA) E. Royer (CEA, France) F. Reventos (UPC, Spain) M. Krause (IAEA, Austria) G. Ringwald (CEA, France) D. Novog (McMaster, Canada) | | | | | | |
| 14:30 | E8 ID-085 | | B4 ID-098 | B3 ID-167 | E6 ID-243 | KN-E8b A. Bouloré (CEA, France) | | B4 ID-098 | B3 ID-167 | E6 ID-243 | KN-E8c E8 ID-085 | | B4 ID-236 | B3 ID-286 | E6 ID-245 | A. Petruzzi (NINE, Italy) C. Fropoli (FPS, USA) J. Le Pallec (CEA, France) | | M. Avramova (NCSU, USA) E. Royer (CEA, France) F. Reventos (UPC, Spain) M. Krause (IAEA, Austria) G. Ringwald (CEA, France) D. Novog (McMaster, Canada) | | | | | | |
| 15:00 | E8 ID-159 | | B4 ID-240 | B3 (ID-314) | E6 ID-259 | E8 ID-085 | | B4 ID-236 | B3 ID-286 | E6 ID-245 | E8 ID-159 | | B4 ID-240 | B3 (ID-314) | E6 ID-259 | A. Petruzzi (NINE, Italy) C. Fropoli (FPS, USA) J. Le Pallec (CEA, France) | | M. Avramova (NCSU, USA) E. Royer (CEA, France) F. Reventos (UPC, Spain) M. Krause (IAEA, Austria) G. Ringwald (CEA, France) D. Novog (McMaster, Canada) | | | | | | |
| 15:30 | Coffee Break | | | | | | | | | | | | | | | | | | | | | | | |
| 16:00 | Coffee Break | | | | | | | | | | | | | | | | | | | | | | | |
| 16:30 | KN-A3a M. Drazda (Westinghouse, US) | Student-A ID-232 | B1 ID-191 | KN-C5 Y. Hassan (TAMU, USA) | | KN-C1 E. Royer (CEA, France) | Student-B ID-197 | KN-E3 S. Camno (NAGRA, Switzerland) | E6 ID-099 | | E8 ID-297 | F3 ID-309 | KN-C3 D. Annüller (BETTIS, US) | E6 ID-265 | KN-E2 M. Krause (IAEA, Austria) | Student-E ID-139 | KN-D2 Y. Parlatan (OPG, Canada) | E7 ID-147 | | | | | | |
| 17:00 | KN-A3b H. Nakamura (JAEA, Japan) | Student-A ID-255 | B1 ID-207 | C5 ID-162 | | C1 ID-128 | Student-B ID-202 | E3 ID-083 | E6 ID-109 | | E8 ID-281 | F3 ID-209 | C3 ID-124 | E6 ID-289 | E2 ID-107 | Student-E ID-196 | D2 ID-278 | E7 ID-148 | | | | | | |
| 17:30 | A3 ID-298 | Student-A ID-304 | B1 ID-234 | C5 ID-211 | | C1 ID-226 | E3 ID-126 | E6 ID-130 | | | E8 ID-311 | F3 ID-194 | C3 ID-178 | E6 (ID-264) | E2 ID-247 | Student-E ID-216 | D1 ID-249 | E7 ID-277 | | | | | | |
| 18:00 | A3 ID-190 | B1 ID-251 | C1 ID-252 | E3 ID-182 | E6 ID-195 | | C1 ID-252 | E3 ID-182 | E6 ID-195 | | E2 ID-250 | Student-E ID-101 | D1 ID-267 | E7 ID-208 | | | | | | | | | | |
| 18:30 | S. Maria | S. Pietro | S. Donato | Elisa | | S. Maria | S. Pietro | S. Donato | Elisa | | S. Maria | S. Pietro | S. Donato | Elisa | | S. Maria | S. Pietro | S. Donato | Elisa | | | | | |
| 19:30 | Conference Dinner Banquet with Lucca Historical Representation Real Collegio | | | | | Dinner in Historical Lucca's Villa Caffè delle Mura | | | | | BEPU 2018 Official Dinner in Historical Lucca's Palace Pflamer Palace | | | | | Dinner on the Lucca's Hills Tenuta San Pietro | | | | | | | | |
| 23:00 | Real Collegio | | | | | | | | | | | | | | | | | | | | | | | |

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| PL: Plenary Lecture Room Puccini | KN: Key Note Lecture | PD: Panel Discussion Rooms: S. Maria & S. Donato | Conference Paper ID | Student Paper ID | ROOMS |
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