

	Sunday 20 September			
16:00 – 19:00	Welcome & registration Desk			
	Monday 21 September			
7:30 – 9:00	Welcome & registration Desk			
9:00 – 9:40	OPENING CEREMONY & KEYNOTES <i>ETIENVRE Anne-Isabelle</i> Administratrice générale, CEA, France			
9:40 – 11:00	Grand Théâtre de Provence Plenaries ITER Status Update and Its Role in the Global Fusion Landscape BARABASCHI P. ITER Organization, France The WEST tokamak: a long-pulse facility ideally suited for the development of plasma exhaust technologies BUCALOSSI J. CEA – IRFM, France			
11:00 – 11:30	Coffee break			
11:30 – 13:00	Grand Théâtre de Provence Topic E Diagnostics – Part I Overview of ITER diagnostics and their contribution to ITER Research Plan KOCAN Martin ITER Organization, France In-Vessel Viewing and Metrology System for ITER: Validation Testing on Full-Scale Divertor and on damaged Plasma Facing Components BOURGADE Antoine Bertin Technologies Calorimetry in WEST: Global power balance and local in-situ measurement on the lower divertor GERARDIN Jonathan CEA – IRFM, France Automated Sensor Placement & Qualification for Fusion COWLEY Cyd digiLab	Auditorium Conservatoire Topic I Fuel Cycle and Breeding Blankets – Part I Tritium breeding and fuel cycle research at MIT PSFC: recent results from the BABY/JUBRA team and future outlook FERRY Sara MIT Plasma Science and Fusion Center Experimental campaign for deuterium extraction from PbLi by means of vanadium based permeator against vacuum in CLIPPER facility GARCINUÑO BELIT CIEMAT Experimental assessment of a Pd-Ag double-stage permeation system for high efficiency Hydrogen recovery SANSOSTI Linda ENEA, Frascati, Italy Progress in the Design and Technology Maturation of the Breeding Blanket and Tritium Extraction Systems for the EU DEMO during its ... HERNÁNDEZ GONZÁLEZ Francisco A. Karlsruhe Institute of Technology	Auditorium Pavillon noir Topic F Magnets, Cryogenics and Electrical Systems – Part I The progress of superconducting magnet of next generation of Tokamak QIN Jingang Institute Of Plasma Physics Chinese Academy Of Sciences (ASIPP) HTS model coils for quench protection of large-scale magnets BYKOVSKIY Nikolay EPFL – Swiss Plasma Center Mechanical resilience of the superconducting helical coils in 28 years of LHD operation YANAGI Nagato National Institute for Fusion Science Comparison of Two Nb3Sn DTT PF6 Conductor Designs Tested in SULTAN FIAMOZZI ZIGNANI Chlarasole ENEA, Frascati, Italy	
13:00 – 14:30	Lunch			13:00 – 14:30 Amphithéâtre La Manufacture Gender equity in fusion lunch: building a more inclusive research community
14:30 – 16:00	Grand Théâtre de Provence – Big One & StudioI & Studio2 POSTERS #1			
16:00 – 16:30	Coffee break			
16:30 – 18:00	Grand Théâtre de Provence Topic G Plasma-Facing Components – part I Plasma-wall interactions activities in support to ITER operation with full-W first wall BREZINSEK Sebastijan Forschungszentrum Juelich GmbH, 52425 Juelich, Germany The ITER Tungsten First Wall HUNT Ryan ITER Organization , France Plasma-Facing Components in the COMPASS Upgrade Tokamak DEJARNAC Renaud Institute of Plasma Physics (IPP) of the Czech Academy of Sciences (CAS) From Legacy to Leading Edge: Optimizing Hypervaptron's Cooling for Extreme Heat Flux in Fusion Applications FIRDAOUSS Mehdi CEA – IRFM, France	Auditorium Conservatoire Topic H Remote Handling ; Vessel/in-vessel Engineering – part I VIPER: A testbed for Fusion devices component validation under ALARA requirement GAZZOTTI Stéphane CEA – IRFM, France Development of the Vacuum Vessel for the COMPASS Upgrade Tokamak BARTON Petr Institute of Plasma Physics of the CAS, Prague, Czech Republic Design of Remote Maintenance Robotic System for HL-3 Tokamak Divertor REN Qinghua Southwestern Institute of Physics, Chengdu, China Decommissioning the DEMO Fusion Power Plant – Integrating Nuclear Dismantling Experience into DEMO Fusion Reactor Design MÜLLER Simone Framatome GmbH	Auditorium Pavillon noir Topic K Safety and Environment, Socio-economic studies and Technology Transfer Key enablers of fusion deployment at scale BUSTREO Chiara CNR – Consorzio RFX Experimental validation activities in support of the lithium fire protection strategy of the IFMIF–DONES facility D'OVIDIO Gianluca CIEMAT AI-Based Program for Dose Calculation and Safety Evaluation – TopMC YAO Dong Hefei Institutes of Physical Science, Chinese Academy of Sciences Social Sustainability of Fusion Energy: Labor Risks of Global Fusion Supply Chain IWAMOTO Misa Institute of Laser Engineering, The University of Osaka	
18:30 – 21:00	Grand Théâtre de Provence WELCOME RECEPTION			

	Tuesday 22 September		
7:30 – 8:30	Welcome & registration Desk		
8:30 – 10:30	Grand Théâtre de Provence Plenaries IFMIF–DONES status and experimental programme CARA Philippe – LACHAISE Marc EU The EU Fusion Strategy RIGHI STEELE Elena EU Fusion Energy: the Industry-led Association Perspective FERRAZZA Francesca ENI Towards an enabling facility to address unresolved technology issues to deliver fusion FEDERICI Gianfranco EUROfusion		
10:30 – 11:00	Coffee break		
11:00 – 12:30	Grand Théâtre de Provence Topic D Plasma Engineering, Plasma Control, and CODAC – part 1 WEST scenario and control design based on the flight simulator NEST NOUAILLETAS Rémy CEA – IRFM, France Overview of Improvements to the Capabilities of the Plasma Control System of the MAST Upgrade Tokamak KOCHAN Martin UKAEA Preliminary results of integrated assessments of the ITER Plasma Control System PANGIONE Luigi ITER Organization , France The JET Operation Instruction System and its relevance for Next Gen fusion facilities RIMINI Fernanda UKAEA	Auditorium Conservatoire Topic I Fuel Cycle and Breeding Blankets – Part 2 The EU Breeding blanket programme for stellarators: designs, integration and tools PALERMO IOLE Fusion National Laboratory, CIEMAT Reverse diffusion of deuterium in a lithium–lead blanket test loop OKINO Fumito Kyoto University, Institut of Advanced Energy Progress towards high-fidelity multi-physics simulation of fusion breeder blankets DUBAS Aleksander UKAEA Tritium extraction systems for lead–lithium alloys in mock-up and power plant-scale breeder blankets – analysis, design, and R&D roadmaps GARCADIEGO-ORTEGA Eduardo UK Atomic Energy Authority	Auditorium Pavillon noir Topic J Materials Technology – Part 1 Functional materials for fusion power plants, current status of the European program VILA Rafael CIEMAT Structural Materials Development for Fusion Applications at Oak Ridge National Laboratory: Irradiation Campaigns, International Collaboration GRAENING Tim ORNL Mechanical response to microscale compression of tungsten to self-irradiation and helium implantation FLAMENT Anthony CEA – IRFM, France Suppressing Grain Growth in Tungsten up to 2000 °C: The W–W/C Approach JENUS BELEC Petra Jožef Stefan Institute
12:30 – 14:00	Lunch		
14:00 – 15:30	Grand Théâtre de Provence – Big One & Studio1 & Studio2		
15:30 – 16:00	Coffee break		
16:00 – 17:30	Grand Théâtre de Provence Topic A Integrated Plant Systems and Pathways Toward Fusion Power Plants Plasma system in fusion plant design: challenges, uncertainties and perspectives BOURDELLE Clarisse IRFM – CEA, France PROGRESS ON EUROFUSION R&D PROGRAM ON NEUTRONICS SUPPORTING ITER NUCLEAR OPERATIONS VILLARI Rosaria ENEA, Frascati, Italy Review of corrosion behavior in fusion reactor LIU Halbo Institute of Plasma Physics, Chinese Academy of Sciences Status and Prospects of Fusion Energy Development at SWIP ZHONG Wulyu SWIP	Auditorium Conservatoire Topic C Plasma Heating and Current Drive – Part 1 Operational Experience and Upgrade of the ECRH System at Wendelstein 7–X MARSEN Stefan Max-Planck-Institute for Plasma Physics The RoX (Return of Experience) of the MITICA beam source and beam line components manufacturing and assembly – link to the Tech;; VALLORY Joelle fusion for energy Solid-State High-Power ICRH transmitter for the Divertor Tokamak Test facility: from design specifications to factory acceptance tests. SALVIA Claudia University of Padova, Centro Ricerche Fusione Driving Frequency and Chamber Length Studies at High Power in the SupRISE ICP Test Device for Neutral Beam Injection at DIII–D KALLENBERG Evan General Atomics, DIII–D National Fusion Facility	Auditorium Pavillon noir Topic F Magnets, Cryogenics and Electrical System – part 2 Results from ITER PS commissioning and future development FAN Renjing ITER Organization , France Progress in the ITER Electron Cyclotron H&CD High Voltage Power Supply System: Architecture and Commissioning Progress RAVAL Bhavin ITER Organization , France Overview and Unique Features of COMPASS–U Tokamak Power Supply System ZAK Adam Institute of Plasma Physics of the Czech Academy of Sciences Development plan of the large-scale HTS SupraFusion Demonstrator Magnet ABDEL MAKSOUD Walid CEA Cadarache, France
19:00 – 22:00	Industry Networking Dinner (on invitation only) Hôtel Aquabella		

Wednesday 23 September			
7:30 – 8:30	Welcome & registration Desk		
8:30 – 10:30	Grand Théâtre de Provence Plenaries Recent Progress and Future Plans for Fusion Activities in ASIPP SONG Yuntao ASIPP, China Fusion technology STEPs forwards DAVIS Sam UKIFS, China Realizing SPARC: Engineering Integration and the Operational Roadmap to Net Energy RICCARDO Valeria CFS, US		9:00 – 13:00 Grand Théâtre de Provence Espace Mozart IEA International Workshop on Fusion Neutronics
10:30 – 11:00	Coffee break	SOFT INNOVATION PRIZE	
11:00 – 12:30	POSTER #3		
12:30 – 14:00	Lunch		
14:00 – 19:00	Guided tours of Aix-en-Provence, Granet Museum, Calanques de Cassis Boat Tour, Sainte-Victoire hike Visits ITER or WEST		16:00 – 19:30 Hôtel Pigonnet Fusion Fuel Panel by Smolsy AG

	Thursday 24 September			
7:30 – 8:30	Welcome & registration Desk			
8:30 – 10:30	Grand Théâtre de Provence Plenaries The engineering and physics challenges of high-performance long-pulse plasmas in Wendelstein 7-X LORENZ Axel IPP Greifswald, Germany The JT-60SA project development and operation as a crucial step towards ITER and DEMO GARCIA Jeronimo F4E DTT : Engineering the Future of Power Exhaust: Manufacturing and Assembly Milestones of DTT POLLI Gian Mario ENEA, Frascati, Italy			
10:30 – 11:00	Coffee break			
11:00 – 12:30	Grand Théâtre de Provence Topic C Plasma Heating and Current Drive – Part 2 Deploying the WEST ECRH System: Performance, Challenges and Lessons Learned DELPECH Lena CEA – IRFM, France Development of a 238 GHz Megawatt-Class Gyrotron within the BMFTR Project HeatQIS SCHMIDT André Karlsruhe Institute for Technology Recent breakthroughs in long pulse operation of negative hydrogen ion sources for ITER NBI FANTZ Ursel Max Planck Institute for Plasma Physics Impact of caesium transport on the performance of the ITER Heating Neutral Beam Negative Ion Source SPIDER POURADIER DUTEL Basile CEA – IRFM, France	Auditorium Conservatoire Topic I Fuel Cycle and Breeding Blankets – Part 3 Current Canadian perspective on tritium R&D aspects of fusion energy deployment CASTILLO Ian Fusion Fuel Cycles Inc Fabrication and neutron irradiation of Pb2Li7 and Li-6 enriched Pb15.7%Li specimens TAYLOR Chase Idaho National Laboratory TRICYS for Reproducible Tritium Fuel-Cycle Simulation: A CFETR Case ZHANG Xiaokang School of Electrical and Information Engineering, Anhui University of Science and Technology, Institute of Plasma Physics, Hefei Tritium behaviour in thermal insulation materials and assemblies PAJUSTE Elina Institute of Chemical Physics, Faculty of Science and Technology, University of Latvia	Auditorium Pavillon noir Topic D Plasma Engineering, Plasma Control, and CODAC – Part 2 Advancement of control systems toward next SPIDER experiments and first MITICA operation DELOGU Rita Sabrina Consorzio RFX (CNR, ENEA, INFN, Università di Padova, Italy) Shattered Pellet Injection Technology Development for Large Tokamak Experiments ZOLETNIK Sándor HUN-REN Centre for Energy Research Advances in Artificial Intelligence for Tokamak Control, Diagnostics and Actuators Resilience JALALVAND Azarakhsh Princeton University Towards AI-based surrogate models for pulse design RATTÁ Giuseppe Laboratorio Nacional de Fusión, CIEMAT	11:00 – 12:30 Grand Théâtre de Provence Espace Mozart Open Meeting on Fusion Power Supplies
12:30 – 14:00	Lunch	12:45 – 13:15 – Grand Théâtre de Provence – Espace Mozart – Roberta Cirillo – The Fusion Energy Landscape – Insights from JRC studies		
14:00 – 15:30	Grand Théâtre de Provence Topic G Plasma-Facing Components – Part 2 Modeling of material damage by runaway electrons in tokamaks RATYNSKAJA Svetlana Royal Institute of Technology KTH Quantifying the effect of impurity-seeded plasmas and high heat fluxes on potassium-doped tungsten REUBAN Anicha School of Metallurgy and Materials, University of Birmingham, UK Comparative Overview of Divertor Cassette Design and Integration in EU-DEMO, VNS and DTT MARZULLO Domenico CREATE Consortium – University of Trieste Advancing Liquid Metal Plasma-Facing Component Technologies in the FIRE Collaborative Program KHODAK Andrei Princeton Plasma Physics Laboratory	Auditorium Conservatoire Topic B Experimental Devices and Facilities for Fusion Research – Part I Progress on the COMPASS Upgrade Construction VONDRACEK Petr Institute of Plasma Physics of the CAS DIII-D: A Public Facility's Role in Pioneering Fusion Technology BUTTERY Richard General Atomics Feasibility study of the response of the STUMM-DONES detection systems WIACEK Urszula Institute of ANuclear Physics Polish Academy of Sciences Japanese Achievements in R&D for Lithium Target System Performed under the IFMIF/EVEDA Project during BA Phase II OYAIIDZU Makoto National Institutes for Quantum Science and Technology (QST), Japan	Auditorium Pavillon noir Topic H Remote Handling ; Vessel/in-vessel Engineering – Part 2 Progress in the design and the verification of the DTT vacuum vessel DALLA PALMA Mauro CNR – RFX Development of End Effectors and Tools for Initial Assembly of ITER Blanket Module TANAKA Takeyuki National Institutes for Quantum Science and Technology Completion of the European ITER Vacuum Vessel procurement GONZALEZ FERNANDEZ Miguel Fusion for Energy (F4E) Assessment of inflatable seals concept for the ITER Remote Handling equipment ESNOZ LARRAYA Judit ITER Organization , France	
15:30 – 16:00	Coffee break			
16:00 – 17:30	Grand Théâtre de Provence – Big One & Studio1 & Studio2 POSTERS #4			
19:00 – 23:30	Château Saint Hilaire, Coudoux GALA DINNER			

	Friday 25 September		
7:30 – 8:30	Welcome & registration Desk		
8:30 – 10:00	<i>Grand Théâtre de Provence</i> Topic E Diagnostics – Part 2 The Infrared Thermography System for First Wall Protection in WEST VIVES Sébastien <i>CEA-IRFM, France</i> Divertor Tokamak Test facility diagnostic systems integration and design: current status and future perspectives CENTIOLI Cristina <i>ENEA, Frascati, Italy</i> Instrumented high fluence neutron irradiation test of antimony Hall sensors IVÁNEK Matej <i>Institute of Plasma Physics of the Czech Academy of Sciences</i> Extraordinary Claims Require Extraordinary Measurements: A Diamond-Based Telescope Detector for Nuclear Fusion Neutron Diagnostics MELBINGER Julian <i>TU Wien</i>	<i>Auditorium Conservatoire</i> Topic B Experimental Devices and Facilities for Fusion Research – Part 2 First operational experience with the new upper divertor in ASDEX Upgrade SIEGUN Bernhard <i>Max-Planck-Institute for Plasma Physics</i> High Intensity D-T Neutron Source HINEG and Its Applications YANG Qi <i>International Academy of Neutron Science</i> UNITY-3: Launching the Next-Generation Integrated Blanket Test Facility with a Fusion-Prototypic Neutron Field KUME Yoshifumi <i>Kyoto Fusioneering</i> Engineering System Integration and Experimental Progress of the Spherical Tokamak EXL-50U YANG Yuanming <i>ENN Science and Technology Development Co, Ltd</i>	<i>Auditorium Pavillon noir</i> Topic J Materials Technology Irradiation of bulk fusion materials with 10–30 MeV protons at MIT's Schmidt Laboratory for Materials in Nuclear Technologies HARTWIG Zachary <i>Massachusetts Institute of Technology</i> Irradiation effects in tungsten-based ceramics for high temperature superconductor shielding components in future fusion reactors APPLEBY Alice <i>School of Metallurgy & Materials, University of Birmingham</i> The experimental validations of key nuclear data and measurement techniques for IFMIF-DONES QIU Yuefeng <i>Karlsruhe Institute of Technology</i> Interlaboratory study on miniaturized tensile specimens in the frame of EUROfusion programme ZINOVEV Aleksandr <i>Institute for Nuclear Energy Technology, Belgian Nuclear Research Centre</i>
10:00 – 10:30	Coffee break		
10:30 – 12:30	<i>Grand Théâtre de Provence</i> Plenaries Development status and prospects of High-Temperature Superconducting technologies for magnetic confinement fusion MUZZI Luigi <i>ENEA, Frascati, Italy</i> KSTAR's Role and Plans for Applying AI in Fusion Research NAM Young Un <i>KFE, Korea</i> Laser Mega Joule PETAL Overview CASNER Alexis <i>CEA, France</i>		
12:30 – 13:30	CLOSURE CEREMONY		
15:30 – 16:00			
14:00 – 19:00	Visits ITER or WEST		