

ITER BUSINESS FORUM 2019 (IBF/19)

| TUESDAY 26 MARCH 2019 (OPTIONAL PROGRAMME) | | | | |
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| 09:00-18:00 | Technical tour n°1 ITER worksite | Technical tour n°2 Cannes / Grasse | Sightseeing tour Old Antibes (09:30-12:30) | |
| 14:00-19:00 | | | Stands installation | Registration |
| 19:30-22:00 | OPENING CEREMONY AT THE VENUE Welcome Addresses by representatives of Local Authorities | | | |

| WEDNESDAY 27 MARCH 2019 | |
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| 07:45-08:15 | Registration - Coffee |
| PLENARY SESSION - AMPHITHEATRE | |
| 08:15-08:35 | Welcome addresses by Jacques VAYRON , Director of ITER France Agency and Bernard BIGOT , Director General of ITER Organization |
| 08:35-08:55 | Perspectives for the future EU strategy for the development of new energy resources, importance of fusion within the EU energy research and development portfolio, by Gerassimos THOMAS , Deputy Director-General, European Commission |
| 08:55-09:25 | General overview of the Staged approach and Schedule to First Plasma, by Gyung-Su LEE , ITER Organization , Chief Operating Officer, Deputy Director General |
| 09:25-09:45 | General overview of the US Domestic Agency procurement activities, by Ned SAUTHOFF , Director of US ITER Project Office |
| 09:45-10:05 | General overview of the China Domestic Agency procurement activities, by Delong LUO , Director General of ITER China |
| 10:05-10:25 | General overview of the European Domestic Agency procurement activities, by Johannes SCHWEMMER , Director of Fusion for Energy (F4E) |
| 10:25-10:45 | General overview of the Indian Domestic Agency procurement activities, by Dilshad SULAIMAN , Project Management Office, ITER India , Institute for Plasma Research |
| 10:30-11:30 | Coffee break - Inauguration of the Exhibition |
| 11:15-11:35 | General overview of the Japanese Domestic Agency procurement activities, by Makoto SUGIMOTO , Head of ITER Japan Domestic Agency (National Institute for Quantum and Radiological Science and Technology/QST) |
| 11:35-11:55 | General overview of the Korean Domestic Agency procurement activities, by Ki-Jung JUNG , ITER KOREA Director General, National Fusion Research institute |
| 11:55-12:15 | General overview of the Russian Domestic Agency procurement activities, by Anatoly KRASILNIKOV , Doctor of Physics & Mathematics, Director of Institution "Project center ITER" (Russian Federation Domestic Agency) |
| 12:15-14:00 | LUNCH |

| THEMATIC WORKSHOPS | | | | | | | |
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| | FITZGERALD | AMPHITHEATRE | | | | | |
| 14:00-15:30 | BUILDINGS & POWER SUPPLY SYSTEMS Chairperson: Petr BREZINA , Centrum vyzkumu Rez s.r.o. ILO Czech Republic <ul style="list-style-type: none">Progress in Buildings erection activities and lesson learned, by Laurent SCHMIEDER, Site, Buildings and Power Supplies Project Team Manager, F4EThe ITER Electrical Systems: present status, cables procurement centralization and preparation for operation and maintenance, by Ivone BENFATTO, Head of Electrical Engineering Division, ITER OrganizationAuxiliary Systems of the Building: Progress and Lesson learned, by Laurent SCHMIEDER, Site, Buildings and Power Supplies Project Team Manager, F4ECurrent status of KODA AC/DC convertors manufacturing and installation, by Ki-Jung JUNG, ITER KOREA Director General, National Fusion Research institute | VACUUM VESSEL AND MAGNETS Chairperson: Timo MÄÄTTÄ VTT Technical Research Centre of Finland, EFLO Finland <ul style="list-style-type: none">Project status, by Alexander ALEKSEEV, Head of Tokamak Engineering Department, ITER OrganizationKorean Vacuum Vessel sectors manufacturing status, by Hyeon Gon LEE, ITER KOREA, Deputy Director General, National Fusion Research institute (NFRI)Business opportunities for in Vessel Coils and ELM coils, by Alexander VOSTNER, Magnet Instrumentation & In-Vessel Coil Section Group leader, ITER OrganizationStatus of Toroidal Field Coil manufacturing at SIMIC, by Paolo BARBERO, TF Coils Project Manager, SIMIC Spa, EUToroidal Field Coils status in Japan, by Makoto SUGIMOTO, Head of JADA ITER Project Department, ITER Japan Domestic AgencyPre-compression rings and Test facility, by Alain VAFIADES, Key Account Manager, CNIM Industrial Systems, EUCentral solenoid manufacturing and delivery status, by John P. SMITH, Director, Magnet Technologies, GENERAL ATOMICS, USA | | | One to One | Refreshments (16:30-17:30) | Exhibition |
| | 15:30-16:30 | CRYOGENICS SYSTEM Chairperson: Biswanath SARKAR , Head of Cooling Systems Engineering Division, ITER Organization <ul style="list-style-type: none">Progress in ITER Project and near term contracts, by David GRILLOT, Cryogenic System Section Leader, ITER Organization and Alain TEISSIER, Cryoplant & Fuel Cycle Project Team Manager, F4EInnovation and standard products in ITER Cryogenic Systems, by Vincent BILLOT, ITER Project Manager, Air LiquideStatus of INOX INDIA contribution to the ITER project, by Rajkumar PANJWANI, President of the Cryo-Scientific division, INOX INDIA PRIVATE Ltd | ASSEMBLY AND INSTALLATION Chairperson: Kurt EBBINGHAUS Deutsches ITER Industrie Forum (DIIF), ILO Germany <ul style="list-style-type: none">Overview on Installation Contracts for ITER construction, by Françoise FLAMENT, Procurement & Contracts Division Head, ITER OrganizationLesson Learned from Plant Installation activities and expectations for short medium terms contracts, by Sergio ORLANDI, Head of Plant Engineering Department and Bertrand ROQUES, Head of Field Engineering Installation Division, ITER OrganizationInstallation activities in Tokamak Complex - Strategy and expectations in medium terms by Giovanni DI GIUSEPPE, on behalf of Stephen MURPHY, Head of Tokamak Complex Division, ITER OrganizationMachine assembly and installation within the Cryostat - Strategy and expectations in medium terms, by Jens REICH, Head of Tokamak Assembly Division, ITER OrganizationSupport to installation provided by the Holistic Integrated Team by Hubert PIALOT, Office Deputy Head, Central Integration Office, ITER OrganizationManagement of installation contracts - Strategy to assure satisfaction of ITER Organization, by Sergio ORLANDI, Head of Plant Engineering Department, ITER OrganizationProgress of IO contract managed by CMA, by Angie JONES, Project Director, MOMENTUM-CMA (Construction Management as Agent)Example of efficient support provided by DAs: CNDA support for AC/DC converters and RPC installation, by Sergio ORLANDI, Head of Plant Engineering Department, ITER Organization, on behalf of Delong LUO, Director General of ITER China | | | | |
| 16:30-17:30 | COOLING WATER SYSTEM Chairperson: Michel HÜBNER , EPFL-Swiss Plasma Center, ILO Switzerland <ul style="list-style-type: none">TCWS: Progress and IO near term contracts, by Donato LIOCE, Tokamak Cooling Water System Design Section Leader and Moustafa MOTELEB, Head of Tokamak Cooling Water System Division, ITER OrganizationTCWS: US DA near term contracts, by Ned SAUTHOFF, Director of US ITER Project OfficeProgress and near term contracts for CWS, by Giovanni DELL ORCO, Cooling Water System Section Leader and Biswanath SARKAR, Head of Cooling Systems Engineering Division, ITER Organization | | | | | | |

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| 17:30-19:30 | <p align="center">CODAC AND INSTRUMENTATION & CONTROL SYSTEMS Chairperson: Patrik CARLSSON Big Science Sweden, ILO Sweden</p> <ul style="list-style-type: none"> ITER Control Systems: progresses and next business opportunities, by Mikyung PARK, CODAC Section Leader, ITER Organization I&C development activities and new business opportunities, by Filippo SARTORI, I&C Group Leader, F4E ITER I&C System: Progress and Plan, by Manojkumar ANNIGERI, Contract Manager, TATA CONSULTANCY SERVICES ITER Steady State Electrical Network CODAC Integration, by Rubén MARTÍ, I&C Manager, GTD SISTEMAS DE INFORMACION SAU Research on the application of Machine Learning tools for tokamak and plasma control, by Jake KIM, Project Manager, MOBIIS Industrial Fast Controllers & Servers (I&C and DAQ grades, HDEC...) for ITER, by Thierry GILBERT, Sales Manager, ECRIN SYSTEMS Development of Large-Scale Diagnostic Systems according to ITER I&C Methodology, by Dariusz MAKOWSKI, Project Manager, LODZ UNIVERSITY OF TECHNOLOGY (TUL) Integration of High Performance Systems for ITER Diagnostics and Interlocks, by Mariano RUIZ, Professor of Instrumentation and Embedded Systems, Universidad Politecnica de Madrid (UPM) | <p align="center">TEST BLANKET MODULES PROGRAM Chairperson: Luciano GIANCARLI Tritium Breeding Blanket Systems Section Leader, ITER Organization</p> <ul style="list-style-type: none"> Status of the ITER TBM Program and future activities, by Luciano GIANCARLI (IO), Tritium Breeding Blanket Systems Section Leader, ITER Organization Status of water cooled ceramic breeder test blanket system in Japan, by Shigeru O'HIRA, Deputy Director General of Rokkasho Fusion Institute, National Institute for Quantum and Radiological Science and Technology (QST) Current Progress of KO-HCCR TBS design and R&D activities, by Youngmin LEE, TBM Technology Team, ITER Korea Consultancy support for the implementation of the European Pressure Equipment Directive and French Nuclear Pressure Equipment Order in the area of TBM Systems in ITER, by Nicolas PIERREDON, Inspection, Pressure & Welding Unit manager, APAVE SUDEUROPE Industrial Fabrication Technology Development Progress of RAFM steel CLF-1, by Yuchuan ZHANG, Research & Development, Sichuan YUANFANG High-Tech Equipment Parts Co. Ltd Contribution to the TBSs Connection Pipes System Final Design, by Antonio CAÑETE, Technical Manager, EMPRESARIOS AGRUPADOS Contribution to the ITER TBM Program by Flavio LUCCA, CEO, LT CALCOLI srl TBM fabrication development activities, by Noël THOMAS, PMO Manager, ATMOSTAT | | | |
| 19:30-22:30 | CONGRESS DINNER | | | | |

| THURSDAY 28 MARCH 2019 | | | | | |
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| | THEMATIC WORKSHOPS | | | | |
| 08:00-08:30 | Coffee break | | | | |
| 08:30-10:30 | <p align="center">DIAGNOSTICS Chairperson: Søren Bang KORSHOLM Technical University of Denmark DTU, ILO Denmark</p> <ul style="list-style-type: none"> Introduction to ITER diagnostics and business opportunities by Michael WALSH, Head of Port Plugs & Diagnostics Integration Division, ITER Organization F4E diagnostic work, overview of FPA teams and direct business opportunities, by Glenn COUNSELL, Diagnostics Project Team Manager, F4E Design and qualification of PIC-1 Electrical Feedthroughs for ITER, by Iñigo ELETXIGERRA, Project Officer, IDOM Advanced Engineering Manufacture of the ITER Outer Vessel Coils, by Aitor ECHEANDIA, CEO, ELYTT ENERGY Mirror cleaning and coating of microwave prototypes, by René BANG MADSEN, Project Manager, POLYTEKNIK | <p align="center">IN VESSEL COMPONENTS Chairperson: Belén DEL CERRO GORDO, CDTI, Ministry of Science, Innovation and Universities, ILO Spain</p> <ul style="list-style-type: none"> ITER In-Vessel Components and procurement of the First Plasma Protection Components, by Mario MEROLA, Head of Internal Components Division, ITER Organization Business opportunities concerning the Divertor Integration and the Operational Instrumentation of the Internal components, by Frédéric ESCOURBIAC, Divertor Section Leader, ITER Organization European procurement of In-Vessel components for ITER - State of progress and next steps, by Patrick LORENZETTO, In Vessel Project Team Manager, F4E Chinese activities on ITER internal components, by Mario MEROLA, Head of Internal Components Division, ITER Organization on behalf of ITER China | One to One | Coffee break (10:00-11:00) | Exhibition |

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| | <ul style="list-style-type: none"> Status of Diagnostics Ports Integration in Budker INP (RF DA), by Alexandr BURDAKOV, Professor, BUDKER INSTITUTE OF NUCLEAR PHYSICS Non-nuclear Port Plug Test Facility design status update, major issues between Final Design review and Manufacturing Review stages, by Olesia SOLOVYEVA, Director of ITER project office, CRYOGENMASH | <ul style="list-style-type: none"> Development of the design, fabrication and experimental justification of the NIKIET-supplied ITER Blanket System Components by Dr. Maxim SVIRIDENKO, Leading Engineer, JSC “NIKIET” Development of Manufacturing Technologies for ITER Plasma Facing Components by Dr. Radmir GINIATULIN, Head of Department, EFREMOV Institute (JSC «NIEFA») | | | |
| 10:30-11:30 | <p>HEATING SYSTEMS & CURRENT DRIVE Chairperson: Toon VERHOEVEN DIFFER Dutch Institute for Fundamental Energy Research, ILO Netherlands</p> <ul style="list-style-type: none"> Overview of Heating and Current Drive systems, by Bertrand BEAUMONT, Ion Cyclotron & Lower Hybrid Section Leader, ITER Organization Overview of European contributions to Heating and Current Drive systems, by Tullio BONICELLI, Heating and Current Drive Project Team Manager, F4E Update on EU procurements for the ITER Neutral Beam Injectors, by Gilbert AGARICI, Neutral Beam and EC Power Supplies and Sources Project Team, F4E Status and plans of the ITER Electron Cyclotron Launcher in the EU, by Gabriella SAIBENE, Head of Antennas and Plasma Engineering, F4E Overview of the IC System & Launcher, by Bertrand BEAUMONT, Ion Cyclotron & Lower Hybrid Section Leader, ITER Organization | <p>FUEL CYCLE & DISRUPTION MITIGATION SYSTEM Chairperson: Scott WILLMS Head of Fuel Cycle Engineering Division, ITER Organization</p> <ul style="list-style-type: none"> Disruption Mitigation System overview and acquisition strategy, by Tim LUCE, Head of Science & Operations Department, ITER Organization Experience with Disruption Mitigation Systems by Ned SAUTHOFF, Director of US ITER Project Office Disruption Mitigation System procurement plans, by So MARUYAMA, Fuelling & Wall Conditioning Section Leader, ITER Organization | | | |
| 11:30-12:30 | | <p>TRITIUM TECHNOLOGY Chairperson: Scott WILLMS Head of Fuel Cycle Engineering Division, ITER Organization</p> <ul style="list-style-type: none"> Tritium Plant Systems, Radiological & Environmental Monitoring System (REMS) overview & IO acquisition, by Ian BONNETT, Tritium Plant Section Leader, ITER Organization Atmospheric Detritiation System acquisition by Scott WILLMS, Head of Fuel Cycle Engineering Division, ITER Organization on behalf of ITER Japan Tokamak Exhaust Processing acquisition by Ned SAUTHOFF, Director of US ITER Project Office Isotope Separation, Water Detritiation and Tritium Monitoring acquisition by Giovanni PIAZZA, Technical Responsible Officer for Fuel Cycle, F4E Storage and Delivery System acquisition by Sei-Hun YUN, ITER Korea Researcher, National Fusion Research institute | One to One | Coffee break (10:00-11:00) | One to One |
| 12:30-14:00 | LUNCH | | | | |
| 14:00-15:30 | <p>REMOTE HANDLING SYSTEMS Chairperson: Martin TOWNSEND, UKAEA Culham Science Centre, ILO United Kingdom</p> <ul style="list-style-type: none"> Remote Handling system and ITER Project - Organization among IO and DAs, by Jim PALMER, Remote Handling Section Leader, ITER Organization Remote Handling systems and F4E - progress and short /middle terms expectations, by Carlo DAMIANI, Remote Handling Project Team Manager, F4E Blanket Remote Handling System and JA DA - Progress and short / middle terms strategy, by Makiko SAITO, Group officer, JADA ITER project department IO and RH - Short Middle terms expectations by Jim PALMER, Remote Handling Section Leader, ITER Organization RACE Progress on RH System: Short / Middle term strategy and expectations by Martin TOWNSEND, UKAEA Culham Science Centre, ILO United Kingdom Maintenance / Operation and RH Strategy by Spencer PITCHER, Head of Remote Handling & Radioactive Materials Division, ITER Organization | <p>DEMO ACTIVITIES & FUSION FUTURE Chairperson: Paolo ACUNZO, ENEA, ILO Italy</p> <ul style="list-style-type: none"> Perspectives and opportunities for European DEMO, by Tony DONNÉ, Programme Manager, EUROfusion IFMIF-DONES: the ESFRI Project for Fusion Reactor Materials, by Joaquin SANCHEZ, Spanish National Fusion Laboratory Director, CIEMAT DTT - Divertor Tokamak Test facility, by Aldo PIZZUTO, Director of Fusion and Technology for Nuclear Safety and Security Department, ENEA Perspectives and opportunities for Russian DEMO, by Anatoly KRASILNIKOV, ITER Russia Director, RF DA Perspectives and opportunities for Japanese DEMO, by Shigeru O'HIRA, Deputy Director General of Rokkasho Fusion Institute, National Institute for Quantum and Radiological Science and Technology (QST) | One to One | Refreshments (16:00-17:00) | Exhibition |

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| 15:30-16:30 | <p>HOT CELL COMPLEX & WASTE MANAGEMENT Chairperson: Sergio ORLANDI, Head of Plant Engineering Department, ITER Organization</p> <ul style="list-style-type: none"> Overview and update of Hot Cell Complex by Spencer PITCHER, Head of Remote Handling & Radioactive Materials Division, ITER Organization Conceptual design activities for HCC 2019-2020, by Alexis DAMMANN, Hot Cell & Radwaste Section Leader, ITER Organization Procurement of the Hot Cell Complex Building and Services, by Laurent SCHMIEDER, Site, Buildings and Power Supplies Project Team Manager, F4E-BIPS | <ul style="list-style-type: none"> Perspectives and opportunities for Korean DEMO, by Hyeon Gon LEE, Deputy Director General, National Fusion Research institute (NFRI) Perspectives and opportunities for Chinese DEMO, by Yuntao SONG, Deputy Director of ASIPP, on behalf of ITER China Training the Future Workforce in Fusion, by Roger JASPERS, Eindhoven University Technology, FUSENET A European Master programme for Fusion sciences and Engineering, by Peter BEYER, Professor, AIX-MARSEILLE UNIVERSITY | | | |
| 16:30-17:30 | <p>LICENSING PROCESS & EQUIPMENT QUALIFICATION Chairperson: Christian DIERICK Agoria vzw, ILO Belgium</p> <ul style="list-style-type: none"> Licensing process status, Nuclear Safety requirements for PIC components, by Hubert PIALOT, Office Deputy Head, Central Integration Office, ITER Organization Equipment qualification process, by Rossella ROTELLA, System Integration Section Leader, ITER Organization | | | | |

23 March 2019

