



ITER BUSINESS FORUM

28 to 30 March 2017

Palais des Papes / Avignon / France



ITER BUSINESS FORUM 2017 (IBF/17)

TUESDAY 28 MARCH 2017 (OPTIONAL PROGRAMME)

	Technical tour n°1 (*) Visit of the ITER worksite	Technical tour n°2 (*) Visit of CEA Marcoule site	Technical tour n°3&4 (*) Visit of Tricastin site (EDF or AREVA)	Sightseeing tour n°5 (*) Guided tour of Pont d'Avignon and/or Palais des Papes Visit of a vineyard "Châteauneuf du Pape"
09:00-18:00				
15:00-19:00	Registration	1-1 meetings		Stands installation (Exhibitors)
19:30-22:00	WELCOME RECEPTION AT THE VENUE (Grande Audience) Welcome Addresses by representatives of Local Authorities			

(*) *Departure from Palais des Papes and back*

WEDNESDAY 29 MARCH 2017

08:00-08:30	Registration - Coffee
PLENARY SESSION Chairperson: Jacques VAYRON, Director of Agence ITER France	
08:30-08:50	Welcome addresses by : <ul style="list-style-type: none"> ▪ Jacques VAYRON, Director of Agence ITER France ▪ Bernard BIGOT, Director General of ITER Organization
08:50-09:10	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
09:10-09:40	General overview of the new reference baseline and staged approach of the ITER project, main milestones of the updated schedule for First Plasma, by Gyung-Su LEE , ITER Organization , Chief Operating Officer, Deputy Director General
09:40-10:00	The European contribution to ITER: status and opportunities, by Johannes SCHWEMMER , Director of Fusion for Energy (F4E)
10:00-10:20	General overview of the China Domestic Agency procurement activities, by Luo DELONG , Director General of ITER China
10:20-10:40	General overview of the Korean Domestic Agency procurement activities, by Ki-Jung JUNG , Director General of ITER Korea , National Fusion Research institute (NFRI)
10:40-11:00	General overview of the Japanese Domestic Agency procurement activities, by Yoshinori KUSAMA , Director of ITER Japan Domestic Agency (National Institute for Quantum and Radiological Science and Technology/QST)
11:00-11:30	Coffee break
11:30-11:50	General overview of the Indian Domestic Agency procurement activities, by Biswanath SARKAR , Head of Cooling Systems Engineering Division, ITER Organization , on behalf of Shishir DESHPANDE , Director General of ITER India , Institute for Plasma Research
11:50-12:20	Main future Calls for Tenders to be launched by ITER Organization for 2017-2018, by Françoise FLAMENT , Head of Procurement and Contracts Division, ITER Organization
12:20-12:40	General overview of the Russian Domestic Agency procurement activities, by Alexander PETROV , Department of Administration, Institution "Project Center ITER" (ITER Russia)
12:40-13:00	General overview of the US Domestic Agency procurement activities, by Ned SAUTHOFF , Director of US ITER Project Office
13:00-14:30	LUNCH (Grande Audience)

THEMATIC WORKSHOPS

MACHINE ASSEMBLY AND INSTALLATION

Chairperson: **Kurt EBBINGHAUS**, Deutsches ITER Industrie Forum (DIIF), **ILO Germany**

14:30-17:30

Presentation of the new contracting strategy of ITER Organization

- Overview of ITER Procurement Strategy for Assembly and Installation, **Joo-Shik BAK**, Head of Construction Department, **ITER Organization** (30')
- Work Packages for Tokamak Machine Assembly, by **Jens REICH**, Head of Tokamak Assembly Division, **ITER Organization** (25')
- Work Packages for Tokamak Complex Installation, by **Stephen MURPHY**, Head of Tokamak Complex Division, **ITER Organization** (25')
- Work Packages for Balance of Plant, by **Sergio ORLANDI**, Head of Plant Engineering Department, **ITER Organization** (20')
- Contractual aspects of the updated procurement strategy, by **Françoise FLAMENT**, Head of procurement, **ITER Organization** (20')
- Status Report on Construction Management for ITER Construction, by **Angie JONES**, CMA Senior Manager, **MOMENTUM** (15')
- Atlas of ITER Main Components and Systems, by **Alexander ZIMIN**, Full Professor, **BAUMAN MSTU** (Moscow State Technical University) for **RFDA** (15')
- Progress Report on Sector Sub-Assembly Tool, by **Jeoung Geoun KIM**, Director, **TAE KYUNG HEAVY INDUSTRIES Ltd (THI)** (15')
- Current Status on Special Process for Magnet Feeder Joint (CNDA ASIPP), by **Neil MITCHELL**, Head of Magnet Division, **ITER Organization** (15')

16:00-17:30

Refreshments

17:30-19:30

BUILDINGS & POWER SUPPLY SYSTEMS

Chairperson: **Christian DIERICK**
Agoria vzw, **ILO Belgium**

- Status of ITER Buildings construction by **Laurent SCHMIEDER**, Site, Buildings and Power Supplies Project Team Manager, **F4E** (20')
- Presentation of facilities available to Contractors on the ITER site, by **Timothy WATSON**, Head of Facilities, Logistics & Materials Division, **ITER Organization** (20')
- Electrical Power Distribution, Coil Power Supplies construction and next steps, by **Ivone BENFATTO**, Head of Electrical Engineering Division, **ITER Organization** (20')
- Scope and opportunities for BIPS (**IO / F4E**) activities on ITER Buildings, by **Jorge CABALLERO**, Procurement Officer, **F4E** (20')
- Fabrication of switching network for ITER, by **Maxim MANZUK**, Head of laboratory, **EFREMOV Institute** (15')
- Status of HVAC, mechanical and electrical equipment for the Tokamak complex (TB04), by **Vincent MAILLARD**, TB04 Project Director, **OMEGA Consortium** (10')
- Status of Civil engineering for Tokamak complex, assembly hall and surrounding buildings (TB03), by **Oriol RIBAS**, Deputy Director ITER TB03, **VINCI FERROVIAL RAZEL BEC - VFR Consortium** (10')

CRYOGENICS AND COOLING SYSTEMS

Chairperson: **Sergio ORLANDI**, Head of Plant Engineering Department, **ITER Organization**

- Status of Cryogenic systems procurement and installation, by **David GRILLOT**, Cryogenic System Section Leader, **ITER Organization** (20')
- Status of the Tokamak and Components Cooling Water System design: opportunities for tenders for procurement, manufacturing and construction at ITER Site, by **Giovanni DELL'ORCO**, Cooling Water System Section Leader, **ITER Organization** (20')
- Vacuum System and cryogenic pumping progress, by **Robert PEARCE**, Vacuum Section Leader, **ITER Organization** (15')
- Status on Cryoplant and vacuum pumping technical progress, procurement and installation, by **Alain TEISSIER**, Cryoplant & Fuel Cycle Project Team Manager, **F4E** (20')
- Status of ITER cryostat manufacturing and assembly, by **Mukesh AHLAVADI**, Chief Representative Europe and CIS region & ITER, **LARSEN & TOUBRO Ltd** (10')
- Status of Air Liquide contribution to the ITER project, by **Suzanne ROY**, VP ITER Program, **AIR LIQUIDE** (10')
- Status of Inox India contribution to the ITER project, by **Siddharth JAIN**, Executive Director, **INOX INDIA** (10')
- Status of ITER cryodistribution project, by **Ohlig KLAUS**, Chief Executive Officer, **LINDE Kryotechnik** (10')

One to One

Exhibition

19:30-22:30

CONGRESS DINNER (Grande Audience)

THURSDAY 30 MARCH 2017

THEMATIC WORKSHOPS

08:30-10:30	<p>VACUUM VESSEL & THERMAL SHIELDS Chairperson: Martin TOWNSEND, Head of Business Development, UKAEA, Culham Science Centre, ILO United Kingdom</p> <ul style="list-style-type: none"> - Status of Vacuum Vessel components and remaining procurement, by Chang Ho CHOI, Vessel Section/Division, ITER Organization (30') - Status of EU Vacuum Vessel manufacturing and procurement, by Francesco ZACCHIA, Vacuum Vessel Project Team Manager, F4E (15') - Progress and plan of EU Vacuum Vessel sector manufacturing, by Gianfranco SAVOLDI, ANSALDO-MANGIAROTTI-WALTER TOSTO Consortium (AMW) (15') - Progress and plan of KO Vacuum Vessel sector and equatorial/lower ports manufacturing, by Byung-Kyoon CHUNG, Contract manager, HYUNDAI HEAVY INDUSTRIES CO. LTD (HHI) (15') - Progress and plan of RF upper port manufacturing, by Thomas SCHILLER, Senior Design Engineer, MAN DIESEL & TURBO SE (MDT) (15') - Vacuum Vessel Assembly Contract: progress on development phase, by Sofia CORINO DIEZ, Special Projects Area Manager, EQUIPOS NUCLEARES SA (ENSA) (15') - Status of KO Thermal shield manufacturing and procurement, by Namil HER, Vessel Section/Division, ITER Organization (15') 	<p>MAGNETS & IN VESSEL COILS Chairperson: Belén DEL CERRO GORDO, CDTI, Ministry of Economy and Competitiveness, ILO Spain</p> <ul style="list-style-type: none"> - Overview of the ITER Magnets system, Status of design, qualification and procurement of In-Vessel Coils, by Neil MITCHELL, Head of Magnet Division, ITER Organization (25') - Status and lessons learned of Magnet procurement in EU, by Alessandro BONITO OLIVA, Magnets Project Team Manager, F4E (25') - Current Status and Lessons learned on TF Coil Manufacturing, by Katsusuke SHIMIZU, Project Promoting Team Leader, Fusion Engineering Office, MITSUBISHI HEAVY INDUSTRIES Ltd (MHI) (15') - Central Solenoïd production status, by John SMITH, Program Manager, GENERAL ATOMICS (15') - Lessons learned from PF Coils manufacturing by Jean-Claude CERCASSI, Business Development Manager, Big Science, CNIM (15') - Status and lessons learned from PF Winding tools, by Marco DANI, President and Chief Engineer of SEA-ALP Engineering Consortium (10') - Status and lessons learned of European TF Coils Winding Packs, by Andrés FELIPE MARTÍNEZ, Project Manager, Consortium IBERDROLA-ASG-ELYTT (15') 	One to One	Exhibition
10:00-11:00	Refreshments			
10:30-12:30	<p>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 (35') - F4E diagnostic work, overview of FPA teams and direct business opportunities, by Glenn COUNSELL, Diagnostics Project Team Manager, F4E (25') - Hardware overview for ITER Divertor Thomson Scattering, by Dmitry SAMSONOV, Researcher, IOFFE INSTITUTE (15') - RF DA Port integration, by Aleksandr BURDAKOV, Deputy Director, BUDKER Institute of Nuclear Physics (15') - EU Port Integration activities, by Amaia ZARRAOA, Project Manager, IDOM Ingeniería y Consultoría SA (15') - Equatorial Wide-Angle Viewing System development, by Laurent LETELLIER, Project Manager, CEA (15') 	<p>IN VESSEL COMPONENTS Chairperson: Mario MEROLA, Head of Internal Components Division, ITER Organization</p> <ul style="list-style-type: none"> - Status of the ITER Blanket System and future activities, by René RAFFRAY, Blanket Section Leader, ITER Organization (15') - Status of the ITER Divertor and future activities, by Frédéric ESCOURBIAC, Divertor Section Leader, ITER Organization (15') - European procurement of In-Vessel components for ITER - State of progress and next steps, by Patrick LORENZETTO, In Vessel Project Team Manager, F4E (20') - Design development, manufacturing and experimental validation of ITER blanket system components, by Maxim SVIRIDENKO, Leading Engineer, JSC NIKIET (20') - Status of the WEST programme in support of the ITER Divertor, by Jérôme BUCALOSI, WEST Project Head, CEA (20') - R&D and procurement status of ITER full tungsten divertor outer target in JADA, by Satoshi SUZUKI, Divertor Responsible Officer, JADA (20') - High Heat Flux Test Facility for Plasma-Facing Components, by Jan PROKŮPEK, Head of ITER Contracts, RESEARCH CENTRE REZ, Czech Republic (10') 		
12:30-14:00	LUNCH (Grande Audience)			

14:00-16:00	<p align="center">HEATING SYSTEMS & CURRENT DRIVE Chairperson: Michel HÜBNER EPFL-Swiss Plasma Center, ILO Switzerland</p> <ul style="list-style-type: none"> - Overview of HCD systems from IO point of view (First plasma items, NBTF programme, RF Source development) by Bertrand BEAUMONT, Ion Cyclotron & Lower Hybrid Section Leader, ITER Organization (25') - Overview and present status of the ITER Neutral Beam Test Facility, by Vanni TOIGO, Project Manager, Consortium RFX - Padova (15') - Update on EU procurements for the ITER Neutral Beam Injectors, by Gilbert AGARICI, Neutral Beam and EC Power Supplies and Sources Project Team, F4E (15') - Status and plans of the ITER Electron Cyclotron Launcher in the EU, by Gabriella SAIBENE, Head of Antennas and Plasma Engineering, F4E (15') - Contribution to ITER on the ECRH Modulator Program, by Josef TROXLER, Chief Executive Officer, AMPEGON (10') - Activities for ITER and satellites projects in plasma heating solutions - Recent results, by Stéphane BETHUYS, Head of Marketing - Science, THALES Electron Devices SAS (10') - Manufacturing Experience of the ITER Diagnostic NBI, by Christian ECKARDT, Manager Research Devices, PVA Industrial Vacuum Systems GmbH (10') - Contribution to ITER and fusion projects, by Andrea CERACCHI, Chief Executive Officer, CECOM (10') 	<p align="center">TEST BLANKET MODULES PROGRAM Chairperson: Luciano GIANCARLI, Section Leader, ITER Organization</p> <ul style="list-style-type: none"> - Status of the ITER TBM Program and future activities, by Luciano GIANCARLI, Section Leader, ITER Organization (25') - The European TBM Systems, from R&D to industrial feasibility: achievements and challenges ahead, by Yves POITEVIN, TBM Project Team Manager, F4E (20') - Current status of KO-HCCR TBS design and R&D activities, by Mu-Young AHN, TBM Technology Team, ITER Korea (20') - Current Progress on Design and R&D Activities of Chinese HCCB TBS, by Kaiming FENG, Researcher, Head of CN HCCB TBM Team, SOUTH WESTERN INSTITUTE OF PHYSICS (SWIP) (20') - Scope of the TBS activities supported by CEA, by Michel SOLDAINI, Contract Manager for TBS activities, CEA (15') - Contribution to the ITER TBM Program by Maria Teresa DOMINGUEZ BAUTISTA, Advanced Projects Director, EMPRESARIOS AGRUPADOS (10') - Irradiation and Post Irradiation Examination for TBM structural material specimens, by Pär BECCAU, Senior Project Manager, STUDSVIK NUCLEAR (10')
15:30-16:30	Refreshments	
16:00-18:15	<p align="center">FUEL CYCLE, HOT CELL & REMOTE HANDLING SYSTEMS Chairperson: Timo MÄÄTTÄ, VTT Technical Research Centre of Finland, EFLO Finland</p> <ul style="list-style-type: none"> - Tritium Plant Overview and Contracting Opportunities, by Ian BONNETT, Tritium Plant Section Leader, ITER Organization (10') - Application of Nuclear Knowledge to progress Tritium Plant design, by Katsusuke SHIMIZU, Project Promoting Team Leader, Fusion Engineering Office, MITSUBISHI HEAVY INDUSTRIES Ltd (MHI) (10') - Fuelling and Wall Conditioning Overview and Contracting Opportunities, So MARUYAMA, Fuelling and Wall Conditioning Section Leader, ITER Organization (10') - Introduction to ITER Remote Handling and Hot Cell Complex, by Spencer PITCHER, Head of Remote Handling & Radioactive Materials Division, ITER Organization (25') - The global status of the F4E RH procurement contracts and long term vision, by Carlo DAMIANI, Remote Handling Project Team Manager, F4E (15') - Status of Hot Cell Complex Engineering, by Ronan MOULLEC, Project Director, TRACTEBEL Engineering and Gianni SCARSI, Senior System Engineer, ANSALDO NUCLEARE, for TANDEM Consortium (10') - Design activities toward manufacturing the Blanket Remote Handling System, by Shunsuke IDO, Project Manager, TOSHIBA Corp. (tbc) (10') - Status of the Neutral Beam RHS, by Ian GRAYSON, Fusion Account Director, AMEC FOSTER WHEELER (10') - Status of the Cask and Plug Remote Handling System, by Jean-Luc DUMONT, Bid/Program Manager, AIRBUS SAFRAN LAUNCHERS (10') - Status of the Divertor Remote Handling System, by Robert SHARRATT, Technical Responsible Engineer, ASSYSTEM UK (10') - Status of the In Vessel Viewing System, by Maxime LAUER-SOLELHAC, IVVS Project Manager, CNIM (10') 	<p align="center">CODAC AND I & C SYSTEMS Chairperson: Toon VERHOEVEN, DIFFER: Dutch Institute for Fundamental Energy Research, ILO Netherlands (16:00-18:00)</p> <ul style="list-style-type: none"> - ITER Control System: design status, required technologies and schedule, next steps of procurement, by Anders WALLANDER, Head of Control System Division, ITER Organization (40') - I&C Development activities in preparation of ITER first plasma, by Filippo SARTORI, I&C Group Leader, F4E (30') - TCS Contribution to ITER Control System Design, by Manojkumar ANNIGERI, Project Manager, TATA CONSULTANCY SERVICES (10') - 4 years' experience in the integration of Plant Systems I&C to CODAC, by Javier VARAS, Director of Science & Energy, GTD SISTEMAS DE INFORMACION (10') - Design and qualification of the Nuclear Safety Control System of ITER by Begoña COLLAR SAGARDÍA, I&C Project Engineer, EMPRESARIOS AGRUPADOS (10') - Status of Central Interlock System, by Geug-sin BANG, Project Engineer, I&C Engineering Department, KEPCO E&C (10')

One to One

Exhibition