25 MARCH 2015

<table>
<thead>
<tr>
<th>Optional Programme</th>
<th>Option 1 (13:00-17:30)</th>
<th>Option 2 (09:00-19:00)</th>
<th>Option 3 (08:30-19:00)</th>
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<tbody>
<tr>
<td></td>
<td>ITER Site visit</td>
<td>ITER Site visit + Visit of Airbus Helicopters</td>
<td>ITER Site visit + Visit of Comex Nucléaire/ONET Group</td>
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<td></td>
<td>(Departure from Palais du Pharo and back)</td>
<td>(Departure from Palais du Pharo and back)</td>
<td>(Departure from Palais du Pharo and back)</td>
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<tr>
<td>18:30-19:30</td>
<td>Pre-registration from 18:30 at the Venue</td>
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<td>19:30-22:00</td>
<td>WELCOME RECEPTION AT THE VENUE (SALON EUGÉNIE)</td>
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26 MARCH 2015

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<tr>
<th>Time</th>
<th>Activity</th>
</tr>
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<tbody>
<tr>
<td>07:30-08:15</td>
<td>Registration</td>
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<tr>
<td>08:15-09:00</td>
<td><strong>PLenary Session</strong></td>
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<td>Welcome addresses by:</td>
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<td></td>
<td>- France Representative for ITER,</td>
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<td>- Representative of the Mayor of Marseille,</td>
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<td>- Representative of the President of Conseil Général des Bouches-du-Rhône,</td>
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<td>- Representative of the President of Conseil Régional Provence-Alpes-Côte-d'Azur,</td>
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<td>- President of the Chamber of Trade and Industry of Marseille</td>
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<td>- Director of Fusion for Energy (F4E)</td>
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<td>- Director General of ITER Organization</td>
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<tr>
<td>09:00-09:30</td>
<td>General overview of status of progress of ITER project, ITER and Industry involvement, by <strong>Sergio ORLANDI</strong>, ITER Organization, Chief Engineer, Director for Plant &amp; Support Engineering Directorate</td>
</tr>
<tr>
<td>09:30-10:00</td>
<td>ITER and nuclear safety issues, by <strong>Carlos ALEJALDRE</strong>, ITER Organization, Head of Safety, Quality &amp; Security Department</td>
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<tr>
<td>10:00-10:30</td>
<td>Coffee break</td>
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<tr>
<td>10:30-11:00</td>
<td>Status of progress of European procurement for ITER, F4E industrial policy, business opportunities for 2015-2016, by <strong>Jean-Marc FILHOL</strong>, Fusion for Energy (F4E), Head of the ITER Department</td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>General overview of the China Domestic Agency procurement activities by <strong>Luo DELONG</strong>, Director General of ITER China</td>
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<tr>
<td>11:30-12:00</td>
<td>General overview of the Indian Domestic Agency procurement activities, by <strong>Arun CHAKRABORTY</strong>, DA Head representative, ITER India, Institute for Plasma Research</td>
</tr>
<tr>
<td>12:00-12:30</td>
<td>General overview of the Korean Domestic Agency procurement activities, by <strong>Ki-Jung JUNG</strong>, Director General of ITER Korea, National Fusion Research Institute (NFRI)</td>
</tr>
<tr>
<td>12:30-13:00</td>
<td>General overview of the Japanese Domestic Agency procurement activities, by <strong>Eisuke TADA</strong>, Head of JADA, JAEA (Japan Atomic Energy Agency)</td>
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<tr>
<td>13:00-14:30</td>
<td>Lunch</td>
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<tr>
<td>14:30-15:00</td>
<td>General overview of the Russian Domestic Agency procurement activities, by <strong>Anatoly KRASILNIKOV</strong>, Doctor of Physics &amp; Mathematics, Director of Institution &quot;Project Center ITER&quot; (Russian Federation Domestic Agency)</td>
</tr>
<tr>
<td>15:00-15:30</td>
<td>Main ITER Organization’s future opportunities for 2015-2016, by <strong>Françoise FLAMENT</strong>, ITER Organization, Head of Procurement and Contracts</td>
</tr>
<tr>
<td>15:30-15:45</td>
<td>Local support (lodging, transport, subcontracting, partnerships, qualified workforce) for companies that want to set up and work on the ITER site, by <strong>Jérôme PAMELA</strong>, for “Welcome around ITER” network (W@I)</td>
</tr>
<tr>
<td>15:45-16:00</td>
<td>How to involve SMEs on the ITER project? Illustration by <strong>Jacques STASIA</strong>, Associated member, Chamber of Trade and Industry of Marseille Provence</td>
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<tr>
<td>16:00-17:30</td>
<td>Refreshments</td>
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<tr>
<td>16:00-19:30</td>
<td>THEMATIC WORKSHOPS</td>
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</table>
### BUILDINGS
Chairperson: Sue O’NEILL (16:00-17:30)
Dublin City University (DCU), ILO Ireland

- Status of ITER Buildings construction and next procurement steps, by Timothy WATSON, ITER Organization, Director for Buildings & Site Infrastructure, and Laurent SCHMIEDER, F4E, Site, Buildings and Power Supplies Project Team Leader (40’)
- Civil engineering and finishing works for Tokamak complex, assembly hall and surrounding buildings (TB03): scope of works, potential needs in subcontracting or local support, by VINCI FERROVIAL RAZEL BEC (VFR) Consortium (10’)
- HVAC, mechanical and electrical equipment for the Tokamak complex (TB04): scope of work, potential needs in subcontracting or local support, by Patrick BERTRAND, Project Manager, for OMEGA Consortium (10’)
- Conventional buildings construction contracts and electrical power distribution (TB05, TB06, TB07): scope of work, potential needs in subcontracting or local support, by Antonio MARTINEZ LEON, TB05&TB07 Project Director, FERROVIAL AGROMAN (10’)
- Presentation of facilities that may be made available to Contractors on the ITER site, by Timothy WATSON, ITER Organization, Director for BSI Directorate (20’)

### VACUUM VESSEL, THERMAL SHIELDS & IN-VEssel COILS (15:30-17:30)
Chairperson: Kurt EBBINGHAUS, Deutsches ITER Industrie Forum (DIF), ILO Germany

- Overall status of the design and manufacture of the ITER Vacuum Vessel, by Carlo SBORCHIA, ITER Organization, Head of Vessel Division (25’)
- Overview of the Procurement of the Vacuum Vessel components, by Chang Ho CHOI, ITER Organization, Vacuum Vessel/Ports & Thermal Shield Section Leader, (15’)
- Nuclear safety requirements: application of RCCM requirements for the Vacuum Vessel and ANB role, by Benoit GIRAUD, ITER Organization, Vacuum Vessel/Ports & Thermal Shield Section, (15’)
- Overview of the design and procurement of the Thermal Shields, by Nam Il HER, ITER Organization, Vacuum Vessel/Ports & Thermal Shield Section, (15’)
- Status of European Vacuum Vessel sectors procurement, by Francesco ZACCHIA, F4E, Vacuum Vessel Project Team Manager (15’)
- Status of Korean Vacuum Vessel Sectors procurement, by Ki-Jung JUNG, Director General of ITER Korea (10’)
- Overview of the design and procurement of the In-Vessel Coils, by Anna ENCHEVA, ITER Organization, Vacuum Vessel/Ports & Thermal Shield Section (15’)

### POWER SUPPLY SYSTEMS
Chairperson: Paolo ACUNZO
ENEA, ILO Italy

- Present status of design and manufacturing of the ITER powers supply systems and cable engineering; IO strategy for on-site installation and assembly of the ITER powers supply systems, potential needs of local support by Ivone BENFATTO, Head of Electrical Engineering Division, ITER Organization (40’)
- State of progress and plan for AC/DC converters, by Kwang Cheol HWANG, Project Manager, DAWONSYG (10’)
- Overview of Cable Engineering Support Services for ITER Plant, by Sung-Hoon KIM, Senior Engineer, Contractor Technical Responsible Officer for CESS (Cable Engineering Support Services), KEPCO E&C (10’)
- Construction design on PF Converter system for ITER, by Li JIANG, Engineer, Institute of Plasma Physics, Chinese Academy of Sciences (ASIPP) (10’)
- Status of the Ion Source and Extraction Power Supplies and Overview of OCEM’s Activities, by Giuseppe TADDIA, Power Electronics Manager, OCEM
- Presentation by ABENGOA (10’)

### CRYOSTAT, FUEL CYCLE & WASTE MANAGEMENT
Chairperson: Eric BOOM, Industrial coordinator of the Dutch Big Science ILO-Net

- Fuel Cycle: status of design, required technologies and schedule, next steps of procurement by Manfred GLUGLA, ITER Organization, Head of Fuel Cycle Engineering Division (30’)
- Fuel Cycle: update on technical and procurement status, by Alain TEISSIER, F4E, Cryoplant & Fuel Cycle Project Team Manager, and Giovanni PIAZZA, F4E, Cryoplant & Fuel Cycle Project Team (20’)
- Current status of the Cryostat manufacturing (scope of work, schedule, needs of subcontracting or local support) by Philippe TOLLINI, Director Europe - Business Development, LARSEN & TOUBRO LTD (10’)
- Presentation of the ITER waste storage facility (INTERMED), by Daniel CANAS, Agence ITER France (10’)
- Lessons learned from tritiated water holding tanks manufacturing for the Water Detritiation System, by David de FRANCISCO, Tritium Tanks Project Manager, ENSA (10’)

### ONE TO ONE

#### 17:30-19:00
- CONGRESS DINNER

#### 19:30-22:00
### IN VESSEL COMPONENTS

Chairperson: Karel CERVENKA, Centrum vyzkumu Rez s.r.o., Research Reactors Section, ILO Czech Republic (08:00-09:45)

- Overview on design, required technologies and schedule, by Mario MEROLA, ITER Organization, Head of Internal Components Division (20’)
- EU procurement of In-Vessel Components: state of progress and next steps, by Patrick LORENZETTO, F4E, In Vessel Project Team Manager (15’)
- Contribution to the procurement of ITER First Wall by Patrice NOGUÉ, Project Manager, AREVA NP Technical Center (10’)
- Contribution to the procurement of ITER First Wall by Leticia RUIZ, Project Manager, IBERDROLA INGENIERÍA Y CONSTRUCCÓN, for the Consortium formed by IBERDROLA, AMEC and LEADING ENTERPRISES-MIB (10’)
- Contribution to the procurement of ITER First Wall by Philippe BUCCI, Director of technological developments, ATMOSTAT/ALCEN Group (10’)
- Overview of ITER Shielding Blanket and First Wall in China by Jiming CHEN, Division Head, South Western Institute of Physics (SWIP) (10’)
- Contribution to the procurement of the ITER Diverter Inner Vertical Target by Gian Paolo SANGUINETTI, Nuclear Fusion Business Leader, ANSALDO NUCLARE S.p.A (10’)
- WEST in support of the ITER Diverter, by André GROSMAN, Deputy Head of the CEA/IFRM (10’)
- Contribution to the Full Tungsten Diverter, by Katsusuke SHIMIZU, Team Leader, MITSUBISHI HEAVY INDUSTRY (MHI) (10’)

### MAGNETS

Chairperson: Staffan LORIN (08:00-10:00)
Research Match Sweden AB, ILO Sweden

- ITER Magnet construction status, by Alexander ALEKSEEV, Director of the Tokamak Directorate, ITER Organization (25’)
- Status of EU Toroidal Field coils procurement, by Alessandro BONITO OLIVA, F4E, Magnets Project Team Manager (10’)
- Status of EU Poloidal Field coils procurement, by Kevin SMITH, F4E, PF Coils Group leader (10’)
- Current status of Japanese TF Coils manufacturing by Ikuo SENDA, Chief Specialist, TOSHIBA (10’)
- ITER TF Coil Activities in MHI Ltd, by Naoki SAWA, Project Manager of TF Coils, MITSUBISHI HEAVY INDUSTRY (MHI) (10’)
- Status of TF Coils Winding, by Tsuneaki MINATO, Project Manager, MITSUBISHI ELECTRIC CORPORATION (10’)
- Current status of Correction Coils qualification in China, by Jing WEI, Director, Institute of Plasma Physics, Chinese Academy of Sciences (ASIPP) (10’)
- European TF Coils Radial plates manufacturing and TF Coils Winding Packs Cold Test and Insertion into the Coil Cases by Marianna GINOLA, Commercial Manager, SIMIC S.p.A (10’)
- Toroidal Field Coils winding packs or Poloidal Field Coils engineering and integration: state of play by Antonio PELLECCHIA, ..., ASG Superconductors S.p.A. (10’)
- Chances of SMEs in the ITER world: Process engineering on ITER materials, by Damir PITESA, ..., FORGIATURA A.VIENNA (10’)

### TEST BLANKET MODULES PROGRAM

Chairperson: Luciano GIANCALRI
ITER Organization (09:45-11:30)

- Overview on design activities, industrial supports and schedule, by Luciano GIANCALRI, ITER Organization, Plasma Operation Directorate, TBMs Section Leader (30’)
- EU procurement of TBMs - State of progress and next steps, by Yves POITEVIN, F4E, TBM Project Manager (15’)
- Status of the CN TBM Program activities and next steps by Xiaoyu WANG, Professor, South Western Institute of Physics (SWIP) (10’)
- TBMs Program Radwaste management by Jaap G. VAN DER LAAN, ITER Organization, Nuclear Engineer for Test Blanket System, Test Blanket Modules Section (10’)
- Contributions by the European TBM Consortium, by Dr. Klaus HESCH, Head of KIT Fusion Programme and Member of the European TBM Consortium Steering Committee (10’)
- TBM Systems Design and Technological Demonstrations, by Ian GRAYSON - Operations Director for Engineering Development, AMEC FOSTER WHEELER (10’)
- Contribution to the EU TBM Program, by Noël THOMAS, Project Manager, ATMOSTAT (10’)
- Contribution to the remote maintenance operations and tools associated with the TBS, by Slim CONSTANS, Fusion projects & ITER coordinator, COMEX Nucléaire (10’)

### TECHNOLOGY TRANSFER FOR FUSION

Chairperson: Victor SÁEZ, Head of Market Intelligence Group, Fusion for Energy (F4E) (10:00-11:30)

- A vision from F4E, by Victor SÁEZ, Head of Market Intelligence Group, F4E (10’)
- Building on the ESA experience, by Lluc DIAZ, ESA Technology Transfer Program Office (20’)
- Fusion and Space transfers and technologies by Dr. Ing. Frank ZIMMERMAN, Managing Director CESAH GmbH (Centrum für Satelliten navigation Hessen) and Matthew EDWARDS, STFC Innovations (UK) (30’)
- ENEA policy for technology transfer in the Fusion domain, by Aldo PIZZUTO, Director of ENEA Fusion Department (10’)
- Discussion and Q&A (20’)
### CRYOGENICS AND COOLING SYSTEMS
Chairperson: Christian DIERICK
Agoria vzw, ILO Belgium

- Cooling Water System: status of design and procurement, required technologies and schedule, manufacturing progress, next business opportunities by Giovanni DELL’ORCO, ITER Organization, CWS Section leader (25’)
- Update on Technical and Procurement Status by Alain TEISSIER, F4E, Cryoplant & Fuel Cycle Project Team Manager (15’)
- Status of ITER Cryoplants design and manufacturing: scope of work, schedule, needs in subcontracting or local support, by AIR LIQUIDE Advanced Technologies (10’)
- Compressors for the largest Cryoplant ever, by Eric DELFORGE, Corporate Client Consultant, MAYEKAWA Europe (10’)
- Cryolines design & procurement status, by Rajkumar L. PANIWANI, President (Cryo Scientific Division), INOX INDIA LIMITED (10’)
- Dutch SME successful at ITER India, by Ronald DEKKER, Director of DEMACO (10’)

### CODAC AND I & C SYSTEMS
Chairperson: Belén DEL CERRO GORDO, CDTI, Ministry of Economy and Competitiveness ILO Spain

- ITER CODAC and I&C Systems: design status, required technologies and schedule, next steps of procurement by Anders WALLANDER, Control System Division, ITER Organization (25’)
- F4E I&C-CODAC group and scope of supply, Business opportunities by Filippo SARTORI, F4E I&C-CODAC team (15’)
- Nuclear Safety Instrumentation & Control, by Maria Teresa DOMÍNGUEZ BAUTISTA Advanced Projects Director, for the consortium EMPRESARIOS AGRUPADOS - INABENSA (10’)
- ITER project participation, by Geug Sin BANG, Senior Engineer, KEPCO E&C (10’)
- Application of Systems Engineering to support I&C integration, a practical example by Hector NOVELLA, Program Manager for Energy & Science, GTD SISTEMAS DE INFORMACION (GTD) (10’)
- Experience on the ITER project, by Manojkumar ANNIGERI, Program Manager, Control System And Automation TATA CONSULTANCY SERVICES (TCS) (10’)
- Co-developing ITER control system, by Rok ŠABJAN, Technical Director, COSYLAB (10’)

### ITER MACHINE ASSEMBLY
Chairperson: Søren Bang KORSHOLM, Technical University of Denmark DTU, ILO Denmark (14:00-16:00)

- ITER machine assembly status, procurement strategy, challenges and opportunities for industry, focus on ITER Construction Management by Ken BLACKLER, ITER Organization, Head of Assembly and Operations Division (50’)
- Lessons learned from K-STAR assembly and status of ITER assembly tools by Dr. Hyung-Yeol YANG, Advanced Technology Research Center acting Director, National Fusion Research Institute (NFRI) (20’)
- Assembly of EAST Tokamak by Yuntao SONG, Deputy Director General, Institute of Plasma Physics, Chinese Academy of Sciences (ASIPP) (15’)
- Lessons learned from W7-X assembly, by Thomas KLINGER, Director, W7-X (15’)
- ITER Supply chain, by François GENEVEY, ITER logistics provider, Director, DAHER (10’)
- Chances of SME’s in the ITER world, by Stephan GUERIN, President, ARKADIA for the consortium ARKADIA-G2Metric (10’)

### REMOTE HANDLING SYSTEMS
Chairperson: Dr. Timo MÄÄTTÄ, VTT Technical Research Centre of Finland, EFLO Finland (14:30-16:00)

- Design status, required technologies and schedule, next steps of procurement by Jim PALMER, ITER Organization, Head of Remote Handling Section (30’)
- Update on technical and procurement status, by Carlo DAMIANI, F4E, Remote Handling Project Team Manager (20’)
- Plan of manufacturing ITER Blanket Remote Handling System, by the Japanese awarded company (10’)
- Progresses on Divertor Remote Handling System procurement, by Bryn THOMAS, Head of Civil Nuclear Power, Energy & Infrastructure, ASSYSTEM UK Ltd (10’)
- Neutral Beam Remote Handling System procurement, by the European awarded company (10’)
- Chances of SME’s in the ITER world: TELEROBOT LABS and the ITER Vacuum Vessel Pressure Suppression System (VVPSS) remote handling strategy, by Francesco BECCHI, General Manager, TELEROBOT LABS (10’)

### Schedule

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>11:30-13:00</td>
<td>CRYOGENICS AND COOLING SYSTEMS</td>
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<tr>
<td>13:00-14:30</td>
<td>Lunch</td>
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<td>14:00-16:00</td>
<td>ITER MACHINE ASSEMBLY</td>
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<tr>
<td>14:30-16:00</td>
<td>REMOTE HANDLING SYSTEMS</td>
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<td>Time</td>
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<td>10:00-16:00</td>
<td>Refreshments</td>
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| 16:00-17:30  | **DIAGNOSTICS**<br>Chairperson: Kurt EBBINGHAUS<br>Deutsches ITER Industrie Forum (DIIF)<br>ILO Germany  
- Design status, required technologies and schedule, next Procurement steps, by Michael WALSH, ITER Organization, Head of Diagnostics Division (40’)  
- EU contribution to ITER Diagnostics, by Glenn COUNSELL, F4E, Diagnostics Project Team Manager (20’)  
- Design Activities for the ITER Radial Neutron Camera, by Basilio ESPOSITO, ENEA, Coordinator of the FPA-327 Consortium (10’)  
- Status of design activities for the ITER Plasma Position Reflectometer, by Paulo VARELA, Researcher, INSTITUTO SUPERIOR TÉCNICO (IST) on behalf of the PPR Consortium (IST/CIEMAT/IPF-CNRIST) (10’)  
- Diagnostic design development by Jean-Baptiste HAUMONTÉ, Sales Manager, BERTIN TECHNOLOGIES (10’)  
- Development status of the ITER bolometers and neutral pressure gauges by Hans MEISTER, Head of Diagnostics Group, IPP (10’)  
| One to One  | **HEATING SYSTEMS & CURRENT DRIVE**<br>Chairperson: Michel HÜBNER<br>CRPP EPFL, ILO Switzerland  
- Overview on design, required technologies and schedule, by Deirdre BOILSON, ITER Organization, Head of Heating and Current Drive Division (30’)  
- Update on technical and procurement Status, by Tullio BONICELLI, F4E, Neutral Beam and EC Power Supplies and Sources Project Team Manager (20’)  
- Gyrotron Research and Development for Fusion Applications in Europe by John JELONNEK, Director, KIT (KARLSRUEHER INSTITUT FÜR TECHNOLOGIE) (10’)  
- Current Status of the ECRH Power Supply design works by Josef TROXLER, CEO, AMPEGON (10’)  
- ECRH Gyrotron development status by Pierre MICHELI, Head of Marketing - Science, THALES ELECTRON DEVICES (10’)  

8 February 2015