



IBF/25

INTERNATIONAL
ITER BUSINESS FORUM

IBF/25 SPEAKERS



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Paolo **ACUNZO**

Head of Service ILO Network Italia, ENEA

Paolo Acunzo is graduated in international organizations and relations. Expert in European law, policies and decision making procedures, he has worked for years within European Institutions in Brussels. Today, he is head of service for ILO Network Italia (Industrial Liaison Office – Innovation Network Italia) within ENEA Technology Transfer Directorate. He is board member of PERIIA – Pan European

Research Infrastructure ILO Association. He is following research projects on Science Diplomacy, Big Science governance, its international market and Technology Transfer issues. He has been coordinator of International Organizing Committee of BSBF – Big Science Business Forum and was Director of BSBF Trieste 2024.



José ANTÃO

**Head of Public Innovation Policy Management
ILO Portugal**

José Antão is the head of the Public Innovation Policy Unit at the Portuguese National Innovation Agency (ANI), where he oversees the Big Science industrial support program, including the ILO role for ITER/F4E, CERN and ESRF. Other areas in the unit include Entrepreneurship, Innovation Procurement and Specialization policy.

He held his PhD in Molecular Biology at the Massachusetts General Hospital / Harvard Medical School, and has been at ANI for the past 10 years. Before his current role, he was involved in European programs management in the Research Infrastructures area, including as ESFRI and ERIC committee delegate.



Søren BANG KORSHOLM

**Senior Scientist, Technical University of Denmark
DTU, ILO Denmark**

Søren Bang Korsholm is a Senior Scientist in plasma physics and fusion energy at the Technical University of Denmark, specializing in the development and exploitation of fusion diagnostics.

He is the Danish Industrial Liaison Officer to F4E and ITER, and is currently chairing the ILO Network.

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Pietro BARABASCHI
Director General, ITER Organization

Pietro Barabaschi has served as the Director General of the ITER Organization since 2022, overseeing the reforms and the construction of the ITER project.

Prior to this role, he led an R&D Department in Fusion-for-Energy (F4E), the European Joint Undertaking responsible for delivering European components to the ITER and Broader Approach Fusion international projects.

In this capacity, he was specifically accountable for the European contributions to the three projects implemented under the Broader Approach Agreement between Euratom and the Government of Japan: JT60SA, IFMIF/EVEDA, and IFERC.

During 2015 and again in 2022, he acted as the Interim Director of F4E, managing the overall operations of the organization, the project management infrastructure, and the implementation of reform

measures within the ITER Management framework.

Before joining F4E and until early 2006, Pietro Barabaschi was the Deputy Project Leader and head of the Design Integration Division of the ITER International Team at the Munich Joint Work Site and previously in San Diego, USA. Shortly after completing his university studies in Electromechanical Engineering, he joined the JET Project in Culham (UK), where he contributed to the machine development department.

At 59, Pietro Barabaschi has dedicated his career to Nuclear Fusion research, with a focus on developing and constructing the research infrastructures essential for advancing nuclear fusion as a viable energy source.





Ujjwal **BARUAH** to Narinder P Singh, Senior Project Manager

Ujjwal Baruah is Senior Project Manager for the Indian Domestic Agency (ITER-India, Institute for Plasma Research, Gandhinagar) for Indian contributions to ITER.

He holds a Masters in Electrical Engineering from IIT, Madras. His research interests are in high power Neutral Beam Systems,

Power Converters and High and extra-High Voltage Systems used in Fusion Research.

He has been a collaborator of ITER in different executive and governance capacities for over sixteen years.



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Alain **BÉCOULET**

Project Chief Scientist

Deputy Director-General, ITER Organization

Alain Bécoulet is a fusion scientist who spent 32 years at the Institut de Recherche sur la Fusion par Confinement Magnétique (CEA), an institute he headed from 2012 to 2020.

He joined ITER's management team in February 2020, where he currently holds the position of Project Chief Scientist as Deputy Director-General.

Dr Alain Bécoulet is Professeur Agrégé, Chevalier de l'Ordre National du Mérite, Member of the Académie des Technologies, and Laureate 2020 of the Scientific and Technical Cooperation Award of the People's Republic of China.





Ana **BELÈN DEL CERRO GORDO** **Ministry of Science, Innovation and Universities** **ILO Spain**

Ana Belén del Cerro is Aeronautical Engineer from the Polytechnic University of Madrid and has a MBA and several master degrees in robotics, automation and R&D projects management in European programmes. She has more than 25 years of experience working for the public and private sectors.

Since 2007, she is working for CDTI (Center for the Technological

Development and Innovation) under the Spanish Ministry of Science, Innovation and Universities, where she has developed several tasks.

Currently, she is the Spanish Industrial Liaison Officer (ILO) for ITER and other fusion related projects such as IFMIF-DONES and works as national expert for the EURATOM-Fusion programme Committee.

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Yves BELPOMO

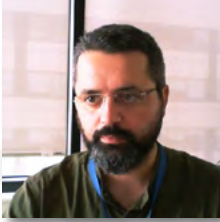
**Construction Management Office Deputy Head
ITER Organization**

With more than 25 years of experience in nuclear engineering and construction management, Yves Belpomo is currently Deputy Head of the Construction Management Office of the ITER Organization. Since 2020, he has led site planning, work coordination, and equipment management. He also oversees key transversal contracts such as scaffolding, lifting, and general site services.

His previous roles include Project Manager at CEA.

Yves Belpomo is an ENSAM-trained engineer with a DESS in Management from IAE Aix-en-Provence. He brings strong leadership and project delivery expertise to complex, high-stakes environments.





Josep **BENET**

Head of Cryoplant & Fuel Cycle Program

Experienced project manager, Josep Benet has robust skills in risk management, process improvement and industrial engineering. 12 years ago, he joined Fusion for Energy where he held several roles in the Cryoplant and Fuel Cycle Program.

His career includes leadership in R&D, new product development, and

efficiency improvements, particularly in manufacturing processes across multinational teams.

Josep is skilled in managing large-scale projects, driving operational improvements, and overseeing cross-functional teams.



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Alessandro **BONITO OLIVA** Tokamak Program Manager ITER Organization

Theoretical physicist and expert in superconductivity, Alessandro Bonito Oliva has been a key figure in ITER's magnets program for over 15 years. After leading the European Domestic Agency's production of toroidal and poloidal field coils, he joined the ITER Organization to oversee coil integration. His career began in industry with projects in MRI and CERN, before shifting

to fusion through the NET project and early ITER collaborations. From managing the manufacturing of Europe's complex superconducting magnets to coordinating multinational teams, he has combined scientific insight with industrial leadership.





Jérôme **BUCALOSSI**

Head of **CEA-IRFM**

Holder of a PhD in plasma physics, Jérôme Bucalossi completed a post-doctoral fellowship at the Max Planck Institute for Plasma Physics in Garching, Germany, before joining the Institute for Magnetic Fusion Research at CEA. He initially worked on CEA's Tore Supra tokamak, now named WEST, then on the European JET experiment in the UK.

He is now involved in the transformation of Tore Supra Facility into WEST support platform for the ITER project. His research focuses on plasma-wall interaction, particle control, and heat flux management.





Carmen CASTERAS
Intellectual Property & Technology
Transfer Officer

Since 2015, Carmen Casteras manages IP-related matters within the frame of Fusion for Energy's activities and leads the F4E Technology Transfer Programme. The goal of her activities is to support companies to commercially exploit fusion technologies and put them on the market.

She holds a Bachelor of Laws (ESADE) and is a Certified Project Management Professional. She has 25 years of professional experience in the management of IP and creation of intangible assets. Before joining F4E, she worked as IP Lawyer at two Patent and Trade Mark

Agencies and at an Innovation Consultancy where she acquired expertise in IP protection, management and IP commercialization. She has trained entities in the field of IP, Technology and Knowledge Transfer for more than 20 years.

Her career and expertise in IP management and Knowledge Transfer is focused on supporting companies to innovate and gain competitiveness in the market.



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Laban **COBLENTZ**

Head of Communication, ITER Organization

Laban Coblentz's career crisscrosses multiple sectors of science, technology, and sustainable development.

At the U.S. Nuclear Regulatory Commission, he applied mathematical models of probabilistic risk to improve safety at nuclear power plants. In the U.S. Congress, he led Senator Joe Lieberman's effort to create The E-Government Act of 2002. At the International Atomic Energy Agency from 2000 to 2008, he worked with DG Mohamed ElBaradei on nuclear diplomacy in Iraq, Iran, and other political hotspots, while also negotiating in support of the US-India nuclear deal, and promoting high-tech improvements to agricultural

productivity, medicine, and groundwater management in developing countries. From the IAEA, he returned to New York to create university- and community-based models for entrepreneurship, drawing on the Maker Movement and the democratization of advanced manufacturing.

For the past 9 years, he has been Head of Communication at ITER, in southern France, where 35 countries are collaborating to make fusion power a practical reality for clean energy generation.





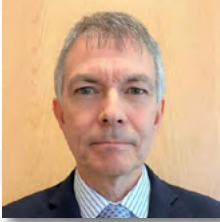
Max COLLINS

**Business Developer & Project Manager
Big Science Sweden & Lund University
ILO Sweden**

Max Collins has a background in the field of high-power electronics for Big Science and physics applications.

He has worked for more than 10 years in the Accelerator Division at the European Spallation Source with key responsibilities in the design, development, commissioning and operation of pulsed power supplies, in particular high-power klystron modulators.

He has also held key roles in projects concerning klystron modulators for the Facility for Antiproton and Ion Research (FAIR) in Darmstadt, Germany, and in projects regarding high-power electronics for ITER.



Glenn COUNSELL

Programme Manager for Diagnostics

Glenn Counsell is the Programme Manager for Diagnostics at Fusion for Energy (F4E) in Barcelona Spain, where he has worked since 2008 guiding the design and delivery of European contributions to ITER in the field of plasma and first wall diagnostics.

Prior to this, he spent 10 years as a research scientist and group leader at the Culham Science Centre of UKAEA (CCFE) in Oxford UK, working on the science of fusion plasmas and their

interactions with material surfaces. Before joining F4E, he was 2 years as Chief Scientist for the MAST Upgrade project at CCFE. In his early career, following completion of his Doctorate, he worked on the industrial deployment of plasmas for lighting and materials processing.



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Alexis DAMMANN

Hot Cell & Radwaste Project Leader
ITER Organization

Alexis Dammann is Hot Cell & Radwaste Project leader. He has been strongly involved into the design activities of the ITER Hot Cell since 2008.

Previously, he was working at CEA as project lead of a new Nuclear Facility aiming to treat radioactive effluents.

Graduate Engineer from Supélec and Nuclear Engineering (Génie Atomique),

he started his career in 1993 at Technitome. He was involved into the different lifecycle stages of compact reactor type used for naval propulsion, from the design to the commissioning and operation phase.



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Caroline **DARBOS**

Electron Cyclotron Engineer, ITER Organization

With an electronic engineer diploma and a specialisation in high frequency system obtained in 1993, Caroline Darbos has worked for the industry, including space industry, before joining the CEA and more precisely the IRFM, in the EC system section.

She started working on the transmission line then was in charge of the whole installation before moving to the operation.

In 2008, she joined the ITER Organization, in the EC project where she is still working, as responsible of the RF sources: originally 24 units, procured by Europe, India, Japan and Russia with on-going installation and first commissioning scheduled end of summer 2025. With the rebaseline the total number of units could reach 80.



**Romaric DARBOUR****Head of the Building & Site Equipment Unit**

Romaric Darbour is leading the delivery of the ITER Site Infrastructures, Buildings Civil Works, Services and Power Supplies Distribution.

He joined F4E in 2009, where he was initially in charge of the management of the Architect Engineer contract and later the main Civil Works contract covering the Tokamak Complex construction.

He was then appointed in 2015 as Deputy Head of the Buildings Programme until 2024 when he was appointed Head of the Buildings and Site Equipment Unit.

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Jean-Daniel **DELAPLAGNE**

IT Section Leader
ITER Organization

With over 15 years of experience in IT, Jean-Daniel Delaplagne leads complex projects and programs. His core competencies include software and systems development and operations, IT processes, enterprise architecture, and digital transformation.

As the IT Group Leader for the Project Systems area, he oversees the delivery and support of various solutions for CAD,

engineering, PLM, construction, manufacturing, and quality. He also establishes the IT framework and roadmap for process improvement and digital enablement.



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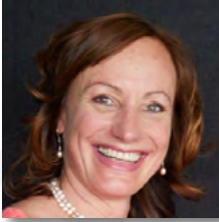
Giovanni DI GIUSEPPE **Auxiliary Systems Project Leader** **ITER Organization**

Giovanni Di Giuseppe holds a degree in Civil Structural Engineering from the University of Pisa and has over 15 years of experience in the nuclear and high-tech construction sectors. He has been working since 2013 for the ITER Organization in roles of increasing responsibility.

Prior to that, he held leadership positions at Ansaldo Nucleare, including Head of Civil Structural Engineering and Technical Leader in design and analysis. His career is marked by expertise in complex infrastructure projects and nuclear facility management.



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Anna ENCHEVA

**In Vessel Components Project Leader, acting
ITER Organization**

Anna Encheva is an experienced engineer and project leader with 25 years of experience in engineering and industry and 18 years at ITER. She has played a key role in design, R&D, procurement, manufacturing, integration, and assembly of various components, as well as in contract strategy development and large-scale installation oversight.

Anna Encheva has successfully led multidisciplinary teams, managed complex engineering projects, and driven the procurement, qualification, and execution of critical ITER components and systems.

Prior to ITER, she gained valuable experience in industry, then at the Max Planck Institute, Germany, focusing on mechanical engineering and fluid mechanics, and in Switzerland, working on magnetic diagnostics for ITER.

Fluent in multiple languages and experienced across Europe and Asia, she is passionate about team leadership, innovation, and fostering high-performance work environments in large-scale engineering projects.





Olivier **GASTALDI**

Tritiated Waste & Dismantling Program Manager
Deputy Director of CEA-AIF

Olivier Gastaldi is an engineer and chemical process expert.

He began his career at CEA in 1996, specialising in tritium-related processes. He continued holding successive leadership roles in sodium technologies and experimental instrumentation laboratories.

From 2013 to 2020, he led strategic projects supporting technology and components development for the

ASTRID reactor. He then became Section Head in the Nuclear Technology Department, overseeing environmentally regulated experimental platforms.

Currently, he serves as Program Manager for the ITER tritiated waste and dismantling activities and Deputy Director of the CEA-Agence ITER France.



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Christopher **GRANT-WILSON** Detritiation System Coordinator ITER Organization

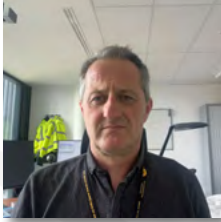
Christopher Grant-Wilson is part of the ITER Organization since 2016. He is a mechanical engineer by background, and has previously worked in the oil & gas and nuclear energy sectors.

Working in the ITER Tritium Plant Project, he is responsible for the delivery of the Atmosphere Detritiation System which

is one of the principle safety systems at ITER. In this role, he leads a team of engineers to design, procure and follow up the ongoing installation of the system.



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David GRILLOT

Controls & Integrated Commissioning Program Manager, ITER Organization

David Grillot is a process engineer with more than 30 years of experience. He joined the ITER organization 10 years ago when hired as Cryogenic Section Leader.

Today, he is heading the ITER Control and Commissioning program, a position he took over recently from his previous role as Deputy Head of the Plant System Program.

In his current role, together with the project leaders he is working with, he has the responsibility to execute and deliver the design and implementation of the ITER control, interlock and nuclear safety system. He is also responsible to plan and pilot the commissioning and operation activities which are ongoing, toward the

integrated commissioning of the ITER machine and plant systems.

Before joining ITER Organization in 2016, he worked for Air Liquid advanced Technologies (France), from commissioning engineer, project engineer to Technical Director of the division in charge of low temperature cryogenic and cooling system.

He published many papers and own few patents in the field of large cryogenic system design and application.

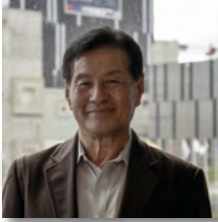




Paul Hieltjes **Dutch ILO**

With over 25 years of experience in the high-tech industry as a R&D manager, Paul Hieltjes has a master's degree in Electrical Engineering from the Technical University of Eindhoven and also completed a Business Science master's degree from the Open University.

The last ten years, he has been working for Dutch Scientific Research Institutes as an Engineering Manager and Industrial Liaison Manager.



Kijung JUNG
Director-General

Graduate Engineer from the Institut National des Sciences Appliquées de Toulouse (INSA Toulouse) and Ph.D. from the Institut National Polytechnique de Toulouse (INP Toulouse).

From 1986 to February 2006, Kijung Jung has been working as a researcher and Project Manager for various projects such as radioactive waste treatment, decontamination and decommissioning, spent fuel management and dismantling of

research reactors at the Korea Atomic Energy Research Institute (KAERI). He has been also working as the director for Planning Division of KAERI.

Since March 2006, he has been working at the Korea institute of Fusion Energy (KFE) as the Director-General of the Korea Domestic Agency for the ITER Project (KODA).



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Yutaka KAMADA **Deputy Director General** **Science & Technology, ITER Organization**

Yutaka Kamada, from Japan, is the Deputy Director General – Science and Technology at the ITER Organization since 2023.

Before his current role, Yutaka Kamada was the Deputy Director General of the Naka Fusion Institute at the National Institutes for Quantum Science and Technology (QST) from 2018 to 2023, and Director of the Department of Advanced Plasma Research at the Japan Atomic Energy Agency (JAEA) from 2012 to 2018.

He also held positions as Group Leader of the JT-60 Planning and Coordination Group and Division Leader of the Large Tokamak Experiment and Diagnostics Division at JAEA.

Yutaka Kamada has long history of involvement with ITER. He served as Japanese ITER Council Member (2019–2023), Chair of the ITER Science and Technology Advisory Committee (2016–2017), and ITER STAC Representative from Japan (2012–2023). He was also the Project Leader (2018–2020) and Japanese Project Manager (2008–2020) for JT-60SA.

Yutaka Kamada holds Ph.D. in Nuclear Engineering from the University of Tokyo.





Juan KNASTER
EUDA Representative

Dr. Juan Knaster graduated in Theoretical Physics in the Universidad Complutense de Madrid and in Nuclear Engineering in the Universidad Politécnica de Madrid.

After working in nuclear industry, he joined CIEMAT contributing to the design of the Spanish Stellerator TJ-II. In 1999, he joined CERN's LHC division, where he obtained a mechanical engineering PhD. Passionate by fusion, he integrated

the Magnet division's ITER team and was responsible of the design of the Toroidal Field coils and the Pre-compression rings.

Currently, he serves Fusion for Energy as Deputy Head of the ITER Programme Department.





Anatoly KRASILNIKOV

**Director of the "Project Center ITER" ROSATOM
RF ITER Domestic Agency**

From 1981, Anatoly Krasilnikov worked as researcher, head of group, head of laboratory and as head of department at the State Research Center of Russian Federation Troitsk Institute for Innovating and Fusion Research.

He participated in remarkable plasma physics studies and diagnostic developments on different tokamaks: TUMAN-3, T-11, T-14 (Russia), TFTR (USA), JT-60U (Japan), JET (EU) and

the stellarator LHD (NIFS, Japan). He was the responsible scientist for the development and the operation of the diagnostic complexes at T-14 and T-11M tokamaks in SRC TRINITI.

Author and co-author of more than 120 scientific papers.



INSTITUTION PROJECT
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Hubert **LABOURDETTE**

**Senior Advisor and former Engage & Momentum
General Manager**

President of HLE Advisor, Hubert Labourdette supports companies and projects with complex technical, organizational, and international challenges in the industry, energy and scientific sectors.

He was previously Vice President of Strategic Operations at Assystem Engineering, leading joint ventures,

acquisitions, and major infrastructure projects.

As Managing Director of ENGAGE and MOMENTUM SNC, he oversaw key contracts with Fusion for Energy and ITER Organization.

Leader in multinational environments, he is an expert in project governance and intercultural team management.



Marc LACHAISE

Director

In 2023, Marc Lachaise was appointed Director of F4E to lead a team of 450 professionals and to deliver a new organisation with a renewed vision.

Managing Europe's contribution to ITER and other projects, supporting Europe's leadership in fusion, talent and knowledge management, together with the transition from research to the industrial sector, are some of F4E's strategic objectives.

Previously, he held several key positions in EDF Group, including Deputy Head of Nuclear Procurement, Director of EDF Group Contracts, and Director of Supply Chain Control for EDF New Build nuclear projects.



ITER ORGANIZATION



Jinchao LI

Electrical Systems Program Manager ITER Organization

With 15 years of experience in the design, construction, commissioning and operation of Magnetic Confinement Fusion CPSS (ITER/2.2 GVA, EAST/200 MVA), Jinchao Li is part of ITER since 2014 and manages the Electrical Systems Program which converts and provides the controlled pulse power to the magnet coils.

The Program also carries out the engineering design of electrical cable trays and cable routing for the entire project, and provides qualification services on the capacity and performance of the electrical instrumentation of other system equipment working in the tokamak's static magnetic field.



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DeLeah **LOCKRIDGE**

Head of the Engineering Services Department
Deputy Director-General, ITER Organization

DeLeah Lockridge joined the ITER Organization in October 2024 as Deputy Director-General and Head of the Engineering Services Department.

Seconded from Oak Ridge National Laboratory, she leads and manages the engineering resources to support the Project. With over 25 years of experience, she is dedicated to making a global impact in the nuclear industry.

Previously, DeLeah Lockridge worked for Westinghouse Electric Company, contributing

to the Vogtle Nuclear Construction Project. She holds a Master of Engineering in Nuclear Engineering and an MBA. DeLeah is a licensed Nuclear Engineer and a certified Project Management Professional. She has received several awards, including the George Westinghouse Signature Award of Excellence.



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Delong LUO Deputy Director General, Corporate ITER Organization

Delong Luo, from China, was appointed ITER Organization Deputy-Director General-Corporate, on 1st April 2023. As a veteran civil servant at the Chinese Ministry of Science and Technology, he has been associated with ITER since China's bid to join the project in late 2002.

Delong Luo was a familiar presence within the ITER and fusion community. As China's representative, he took part in each and every negotiation and expert meeting prior to the establishment of the ITER Organization.

In 2008, he built the Chinese Domestic Agency "from scratch." He later joined the

ITER Management Advisory Committee (MAC), and chaired the ITER Council in 2020 and 2021.

Building on a career that spans more than 40 years and has included broad administrative responsibilities, the management of international collaborations, and the involvement in constructing and operating major scientific installations (HL-2A, HL-2M and EAST tokamaks), he is tasked with steering the administration of the ITER Organization at a particularly challenging time.



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Alfonso **MARQUEZ**

Deputy Plant Systems Program Manager
ITER Organization

With over 15 years of experience in engineering, Alfonso Marquez as worked with ITER Organization since 2013. Previously, he led projects at IDOM Consulting, specializing in power plant engineering and mechanical design for nuclear fusion reactors. He has extensive expertise in static and rotating equipment, pressure vessels, piping systems and stress analysis.

Alfonso Marquez holds degrees in Industrial Engineering with a focus on nuclear energy and Mechanical Engineering. His career spans multiple roles in project management, engineering, and site supervision across various industries.





Taro MATSUMOTO
Head of Japan Domestic Agency

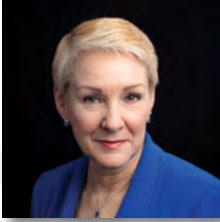
Born in 1969 in Tokyo, Japan, Taro Matsumoto has dedicated his entire career to fusion research and development, including ITER project as well as Broader Approach Activities (JT-60SA, International Fusion Energy Research Centre, and IFMIF/EVEDA). He began his tenure as head of the Japan Domestic Agency in May 2024. In 1996, after completing doctoral studies in the field of Nuclear Engineering at Kyoto University, he joined Japan Atomic Energy Research Institute as a fusion plasma researcher. In 2002, he worked for the ITER negotiation as an expert of the Japanese delegation.

Since then, he has been involved in various aspects of the ITER Project, such as the ITER Council, MAC, STAC and many working groups.

He has been working for bilateral cooperation in the field of fusion energy, with Europe, United States, Korea and China for more than 15 years.

In 2023, he was also appointed as the Deputy Director of Fusion Energy Promotion Strategy, National Institutes of Quantum Science and Technology (QST).





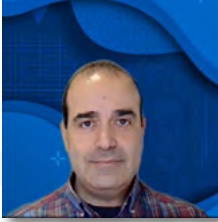
Kathryn McCARTHY
Project Director

Kathryn McCarthy joined the Oak Ridge National Laboratory (ORNL) in 2020 after three years as Laboratory Director and Vice President for Science and Technology for the Canadian Nuclear Laboratories.

She previously held a variety of engineering and leadership roles at Idaho National Laboratory (INL), including Director of Domestic Programs in INL's Nuclear Science and Technology Directorate, Director of the Light Water Reactor Sustainability Program Technical Integration Office, and National Technical Director for the Systems Analysis Campaign for DOE Office of Nuclear Energy's Fuel Cycle R&D Program.

Kathryn McCarthy began her career in fusion technology with a focus on liquid metal blanket designs. She was a participant in the US DOE US-USSR Young Scientist program and was also a Guest Scientist at the Karlsruhe Institute of Technology, West Germany. She was inducted into the National Academy of Engineering in 2019 and named an American Nuclear Society (ANS) Fellow in 2021. She has also received two ANS presidential citations plus the 2022 Fusion Power Associates Leadership Award.





Gonzalo MICÓ MONTAVA

Heating & Current Drive Project Manager

Experienced Project Manager currently overseeing the Neutral Beam Confinement project at Fusion for Energy (F4E) in Barcelona, Spain.

With over 20 years of engineering experience, he has progressively advanced from technical roles to managing complex, high-value projects in nuclear fusion technology. His F4E career spans over 14 years and since 2019, he has formally served as a Project Manager at F4E in the Heating Systems Program. He actively participated in the manufacturing follow-up of the VV sectors for ITER and in the delivery of several mechanical complex components for the MITICA experiment over the past few years.

Gonzalo Micó Montava holds a Master's degree in Industrial Engineering with specialization in Mechanical Engineering from the Polytechnical University of València.

His expertise includes coordinating technical activities with external stakeholders, managing engineering teams, and overseeing the manufacturing of complex components for the ITER project. He is also a certified Project Management Professional (PMP®) since 2020.



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Esmeralda **MOSCATELLI** Information Management Administrator ITER Organization

Since 2019, Esmeralda Moscatelli oversees the ITER library, scientific publications, and knowledge management activities. Prior to ITER, she held roles at the International Federation of Library Associations and Institutions (IFLA), where she focused on digital access to information and internet governance. She also coordinated scientific projects at the University of Texas, managing research

teams and developing digital archives. With a strong background in digital archives, ontologies, and public policy, Esmeralda Moscatelli holds master's degrees in Library & Information Science and Public Policy.





Eva **NOUKOU**

Deputy Project Leader for Hot Cell

With over 14 years of experience in managing infrastructure and building projects, Eva Noukou joined Fusion for Energy in 2010, overseeing complex projects related to the design and construction of nuclear and auxiliary facilities.

She also founded and led CAPE Consulting, a company specialising

in civil engineering and infrastructure and began her career at Bouygues Construction and AMSYCOM, gaining expertise in site management and corporate property advisory services. She graduated from Mines Douai and furthered her studies at Imperial College London.



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Mary O'LOUGHLIN

Contract & Cost Management Officer
ITER Organization

Mary O'Loughlin oversees Machine Assembly contract cost control, & participates on contract negotiations and business process management since 2015. She joined the ITER Organization, Magnets Division in 2012.

Prior to this, she served as Country Manager at Claranet, General Manager at Lexeme, Business Manager at Chiliad, Inc. and has held several

consultancy roles for clients including UNESCO, & Leonardo Publications, specializing in project management & procurement.

Mary O'Loughlin holds a Master's degree in Operations & Supply Chain Management from the University of Liverpool.



ITER ORGANIZATION



Sergio ORLANDI

Head of ITER Construction project

Deputy Director General, ITER Organization

Sergio Orlandi is the Head of ITER Construction Project since 2023. He joined the ITER Organization in 2013 as Director of the Engineering Department. He brought with him all his industrial culture developed during more than 35 years of experience gained around the world in the design, installation and commissioning of nuclear power plants.

At the ITER Organization, his efforts have been focused on schedule, cost control and quality, which are essential to the success of such a specific project.

Sergio Orlandi started his career at Ansaldo Nucleare in 1980 as a system designer for various nuclear reactors and advanced to Director of Engineering in 2005 and General Director in 2008. He led the construction of nuclear plants in

Cernavoda, Mochovce, and China. He has contributed to IAEA efforts on VVER reconciliation, supervised the Chernobyl Shelter's control system, and developed stress test methodologies for European NPPs after Fukushima.

Sergio Orlandi is President of Sustainable Energy Commission VI in the frame of European Academy of Science and Arts, Honorary professor at Lublin University in Poland, Member of the Academy of Engineering and Technology in the frame of "Accademia dei Lincei". He is Professional Engineer and Member of ASME Codes.





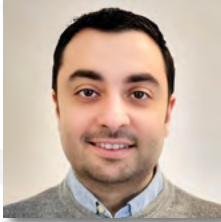
María **ORTIZ DE ZÚÑIGA**

**Head of Project Engineering
CAD & Data Management**

Passionate about AI for over 20 years, María Ortiz de Zúñiga has gained extensive experience in applying AI to engineering, particularly in fusion technologies, nuclear manufacturing, and construction. As the Head of Project Engineering, CAD, and Data Management at Fusion for Energy, she leads multidisciplinary teams in innovative projects. With a strong background in multinational environments, she has expertise in project management, risk analysis, and technical documentation.

María Ortiz de Zúñiga completed studies in Computer Science Engineering with a focus on Artificial Intelligence and Computer Networks at the University of Michigan. Additionally, she pursued further education at the Universidad Nacional de Educación a Distancia (U.N.E.D.), further enhancing her expertise in technology and engineering.





Arican **PAMIR** **SIMIC**

Arican Pamir is an experienced Project Management Professional with a demonstrated history of working in the oil & energy, pharmaceutical and alimentary industries covering cross-functional roles. Skilled in project engineering, design and construction site management combined

with strong program and project management skills, Arican Pamir holds a Bachelor's degree focused in Mechanical Engineering from the University of Manisa Celal Bayar.

**Benjamin PERIER****Head of Market Analysis, IP & Technology
Transfer**

Since Benjamin Perier joined Fusion for Energy in 2008, he plays a key role in shaping the EU industry's capabilities for current and future fusion machines, including ITER. Prior to this position, he worked at Airbus in IT Infrastructure Procurement and at AXA Technology Services, focusing on risk management, cost reduction, and business intelligence.

With extensive experience in procurement, business relationship management and financial analysis, Benjamin Perier holds a Master's Degree in Executive Coaching from HEC Paris and a business degree from MBS School of Business.



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Simon PINCHES

**Plasma Modelling & Analysis Section Leader
ITER Organization**

Dr Simon Pinches is responsible for the Integrated Modelling Programme at ITER which entails developing a modelling infrastructure as well as coordinating worldwide efforts to produce a more holistic description of the behaviour of fusion-based devices.

He studied Mathematical Physics in Manchester, UK, before obtaining a PhD studying the interaction of energetic particles with Alfvén waves in 1996 whilst based at Culham Laboratory in the UK, home of the UK's domestic fusion programme and host to the European JET tokamak.

In addition to working in the UK, he spent nearly 10 years at the Max Planck Institute for Plasma Physics, Garching, in Germany.

He has held various leadership roles including: Task Force Leader coordinating EU experiments on JET; EU Topical Group Chair; UKAEA Group Leader; and UKAEA Programme Leader. Within the ITER Organization, he coordinates worldwide research as co-chair of the International Tokamak Physics Activity Topical Group on Energetic Particle Physics.



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Spencer **PITCHER**

**Fusion Technology Principal Engineer
ITER Organization**

With over 30 years of experience in fusion technology, Spencer Pitcher held leadership roles, including Head of Division for Remote Handling and Radioactive Materials and Chief Engineer of the Hot Cell Complex at ITER. He has also worked as a research scientist at prestigious institutions such as MIT

and Max Planck Institute, contributing to the development of fusion technology. With a PhD in fusion from the University of Toronto, his expertise spans multiple international fusion projects and scientific endeavors.



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Jens REICH Machine Assembly Program Manager ITER Organization

Jens Reich has been working in the field of nuclear fusion since 2008. He started with the Wendelstein 7-X Stellarator project and followed by the ITER Tokamak project.

He specialised in managing and coordinating the design, construction, and installation of large mechanical - fusion

related - components in collaboration with industrial partners.

He holds a Mechanical Engineering master's degree from the University of Magdeburg.



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Bertrand **ROQUES** Plant Installation Program Manager ITER Organization

Bertrand Roques joined ITER in 2017 as Division Head for the Field Engineering Installation Division.

He became Program Manager for the Plant Installation Program in 2023. His team is responsible to plan, manage and execute assembly and installation works on the ITER Worksites for the Tokamak Complex and the Balance of Plant buildings (Worksites 2, 3, 4 and 5), up to commissioning readiness, in compliance with ITER rules and regulations, in order to meet the ITER Project objectives. He works in close cooperation with the other Programs delivering items to be assembled and installed. It is supported

by the development, within the mission scope, of a close relationship with the Domestic Agencies.

Previously, Bertrand Roques held several managerial positions at EDF within the Industrial Direction and the Nuclear Engineering Direction. He began his career at the French Ministry of Economy and Industry, where he developed strategic visions and supported policy development for the General Directorate of Energy.





Emilio RUIZ

Remote Handling Programme Manager

Emilio Ruiz is responsible for the European in-kind supply of key Remote Handling (RH) Systems for ITER, which include the Divertor Remote Handling System, the Neutral Beam Remote Handling System, the Cask & Plug Remote Handling System, and the diagnostic In-Vessel Viewing System.

He joined Fusion for Energy in 2013, where he led the development of a software control system and radiation-resistant technologies to facilitate remote operations of robotics handling equipment. In July 2024, he was promoted to Remote Handling Programme Manager.

Prior to joining F4E, he headed a business unit at a pharmaceutical company from 2010 to 2013. During this period, he successfully developed, industrialised, and pre-commercialised the first certified European surgical robotics system. Earlier in his career, he managed a robotics research laboratory at the EC-Joint Research Centre, focusing on remote handling applications and robotics surveillance systems for nuclear material storage areas.



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Biswanath **SARKAR**

Technical Advisor, ITER Organization

Biswanath Sarkar is Ph.D in Condensed matter physics. He is expert in superconducting magnets, cryogenics, fusion materials and other fusion related technologies, namely, Divertor and Blanket as well as fusion fuel cycle. His wide experience includes both the Plant System and Machine.

He has more than 35 years of working experience in developing fusion relevant technologies, with demonstrated capabilities and have significant publications in the international journals. He has worked in

many international organizations such as the Institute for Plasma Research, India. He moved to ITER Organization in France as Division Head of Mechanical Implementation Division. Presently, he is working as Technical Advisor to the Head Construction Project and the Plant System program.

His focus has been to prepare the industries to take up the challenges on fusion technologies.



ITER ORGANIZATION



Kattalai Ramachandran **SRIRAM** Head of Director-General's Office ITER Organization

Since 2023, Kattalai Ramachandran Sriram his Head of Director-General's Office, bringing with him over 25 years of experience from the Comptroller and Auditor General of India. He has specialized in performance and IT auditing, with a focus on improving public

and financial accountability. Trained in electronics and communication engineering, Kattalai Ramachandran Sriram also holds an MBA and has certified expertise in IT systems and internal auditing.



ITER ORGANIZATION



Mack **STANLEY** Head of Procurement, ITER Organization

With 20 years of experience in the Nuclear Procurement Field, Mack Stanley has worked on a wide variety of projects across the public and private sectors in roles from field expediting up to Directorship.

His experience has spanned clients such as the United States Department of Energy at the Hanford Site in Washington State, the Savannah River Site in South Carolina, the Y-12 National Security Complex in Tennessee, and the Oak Ridge National Laboratory in Tennessee. He was also involved in the completion of the Watts Bar Unit 2 Reactor for the Tennessee Valley Authority.

His International experience includes in-country consulting for the United Kingdom Ministry of Defence in Bristol, England.

Mack Stanley became involved with the ITER project in July 2021 as part of the United States Domestic Agency. He then joined the ITER Organization in Cadarache as the Head of the Procurement Division in October 2023.



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Victor UDINTSEV

Diagnostics Program Project Manager
ITER Organization

From 2009, Victor Udintsev worked as engineer, section leader and Project Leader for Diagnostic Engineering in the ITER Organization.

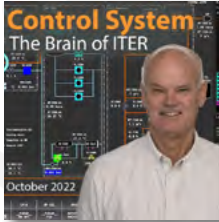
He has been involved in plasma physics studies and diagnostic developments on different tokamaks: RTP (The Netherlands), TEXTOR (Germany), JET (UK), Tore Supra, now named WEST (France), TCV (Switzerland).

He was the responsible engineer and scientist for the development and the operation of high and lower power microwave systems in tokamaks.

From February 2025, he has been appointed as the Diagnostic Project Manager.



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Anders **WALLANDER** Head of Control System Division ITER Organization

Anders Wallander spent more than 16 years at the European Southern Observatory (ESO) in Munich and the Chilean Andes.

He joined ITER to implement the Control, Data Access and Communication system designed to play conductor to ITER operation.

Anders Wallander has a robust skill set that includes Change Management, Research, Customer Service, Strategic Planning and more.





Min WANG
Deputy Director-General

The China International Nuclear Fusion Energy Program Execution Center of the Ministry of Science and Technology of China has been designated as the domestic agency of the ITER Project in China. Min Wang is responsible for the ITER Project execution and international cooperation in fusion related area.

Master of Engineering and senior engineer, Min Wang participated in the ITER negotiations since 2004. In 2008, she joined China International

Nuclear Fusion Energy Program Execution Center and served successively as the Director of Division of Engineering, Division of Project Management, Division of Research and Development.

She has been deeply engaged in the production of the ITER components, project management and domestic fusion research.





Peng **WANG** **CNPE**

Peng Wang serves as the Project Manager at China Nuclear Power Engineering (CNPE) for the ITER Core Machine Assembly. He brings over ten years of experience in nuclear power plant design in China, alongside four years of dedicated leadership in the Core Machine Assembly.

He has been responsible for the management and integration of key Tokamak components, achieving a series of critical milestones with outstanding

precision and quality. Under his leadership, the assembly and lifting of Sector Module #7 to the PIT were successfully completed within just seven months.

Peng Wang possesses extensive expertise in large-scale component handling, assembly, and project coordination, making significant contributions to the success of the ITER TAC1 project.



Melanie **WINDRIDGE** Founder of Fusion Energy Insights

Dr Melanie Windridge is a plasma physicist, speaker and writer.

She is the founder and CEO of Fusion Energy Insights, which keeps people up to date with developments in the growing fusion industry.

Melanie Windridge is the author of *Aurora: In Search of the Northern Lights* and

Star Chambers, an introductory book on fusion energy.

She loves the mountains and believes science and exploration go hand in hand. She has climbed Mount Everest.



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