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Dean Bartles

DMDII, Executive Director
UI LABS, Chief Manufacturing Officer

Dean Bartles, Ph. D., FSME, FASME, is the Chief Manufacturing Officer for UI LABS and the Executive Director of the Digital Manufacturing and Design Innovation Institute (DMDII) which addresses the life cycle of digital data interchanged among a myriad of design, engineering, manufacturing and maintenance systems, and flowing across an integrated, networked manufacturing supply chain. Dean has had a distinguished 37 year career in manufacturing implementing multi-million dollar programs domestically and internationally, and setting up manufacturing operations in Egypt, Turkey, and the US. His responsibilities have included managing research and development, technology transfer, program management, and manufacturing operations.



Núria Betriu
Government of Catalonia,
General Director of Industry
ACCIÓ, CEO

Born in Lleida in 1977, she is an industrial engineer, with a major in chemistry and a Master's Degree in Business Organisation from the Universitat Politècnica de Catalunya and from the École Polytechnique de Paris.

She started her career in the pharmaceutical sector in the areas of quality and R&D. She later performed different managerial and project management tasks in pharmaceutical, food and electronics companies.

In 2007, she founded an engineering company that specializes in food, environment and strategic consulting in the areas of production, internationalization, quality and R&D. She was a partner and general manager until 2013.

In June 2013, she assumed the management of the Catalunya Emprèn programme with a view to promoting and coordinating the Government of Catalonia's entrepreneurship policies. On 16 February this year, she was appointed Director General of Industry, a position that she combines with that of CEO of ACCIÓ, a post she has held since October 2014. Under her leadership, ACCIÓ has encouraged the pairing of innovation and internationalization as a strategy with which to strengthen the competitiveness of Catalan companies and has launched the Catalonia Trade & Investment brand for the international promotion of the Government of Catalonia's area for inward investment.



Max Blanchet
Roland Berger,
Senior Partner

Max Blanchet studied at the École Centrale de Paris and Tokyo University, and has more than 20 years of experience in strategy consulting. Specializing in the field of industry, Max Blanchet has conducted numerous strategic and operational assignments for large industrial firms, governments and associations. He is co-leading the Global Operations Strategy Competence Center and more specifically the Industry 4.0 global task force. He recently published the book “L’industrie France décomplexée” (Lignes de Repères publishers).



Sanjay Brahmawar

IBM's Watson Internet of Things Business,
Global Head & Managing Partner
Strategic Business Development

Sanjay is equipped with over 20 years' worth of experience in complex IT led Transformation Management in a range of industries. His experience is widespread, ranging across supply chain management, BPR, programme and project management. In addition to this, he has experience in the array of IT advisory, consulting and systems delivery work, including outsourcing.

Currently, Sanjay is Global Head & Managing Partner Strategic Business Development for IBM's Watson Internet of Things Business and in that is responsible to build, lead and transform the Internet of Things Business for IBM around the world. In this high priority and key growth business Sanjay is helping to drive business into a new era of cognitive, helping "clients unlock value in new insights" from the massive amount of data they generate each day.

He has had several different roles at IBM prior to joining the Watson IoT team including: General Manager & Managing Partner for the Europe GBS in the Industrial sector; Vice President, Europe Chemicals & Petroleum Industry Leader (GBS); Vice President of the Industrial Sector for UKI GBS and Vice President in GBS for the Oil & Gas account.

Prior to Sanjay's extensive and thriving IBM career, he worked in other renowned companies including PwC as Managing Consultant and Fedex Supply Chain Services as the General Manager for Belgium (where he led a team of 500, delivering Supply Chain Services in Belgium for large Telecom multinational). In addition to this, he has also worked in The Netherlands as a Business Manager for DSM and in India for Honda as Business Development Manager. From an educational perspective, Sanjay's MBA in Finance & Marketing from the University of Leeds (1997) and a Bachelor of Civil Engineering from Delhi College of Engineering (1992) taught him how to develop new value propositions and go to market strategy for the services and building new client relationships.



Pascal Brosset
Schneider Electric,
Global Solutions,
Senior Vice President

With a degree in engineering from the EPFL federal institute of technology (Switzerland), Pascal Brosset joined Schneider Electric as Senior Vice President Innovation in May 2010. He began his career at Hewlett Packard in charge of the development of automation systems and complex solutions for the manufacture of integrated IT products. In 1986, he joined Ingersoll Engineers as partner and technology expert for industrial management consultancy. Later in 1992, he was head-hunted to join the new GEMINI consulting arm, within Capgemini group in the frame of business transformation programs across a variety of industries. In 2002 he joined SAP AG's as Vice President Business Development and member of management board in France and was nominated Senior Vice President Market Strategy at SAP AG in 2004.



José Carlos Caldeira

ANI Agência Nacional de Inovação
(National Innovation Agency of Portugal),
President

José Carlos Caldeira is President of ANI – Agência Nacional de Inovação – the Portuguese National Innovation Agency. He is member of the MANUFUTURE High Level Group and Chairman of its National and Regional Technology Platforms Group. He is also member of the Board of the EFFRA – European Factories of the Future Research Association (as observer). He is national delegate to the NMP+B Programme Committee of the HORIZON 2020 and, since 2012, RIS3 expert of DG REGIO.



Luis Carneiro

INESC TEC,
Member of the Executive Board

Luis Maia Carneiro, Diplom Electrical Engineer (1987) and Masters in Business and Administration (1993) by the University of Porto. He is presently Member of the Executive Board of INESC TEC. His main interests include Enterprise Cooperation Networks, Operations Management and Innovation Management. He coordinated the European projects EXPLORE, Net-Challenge (Innovative networks of SMEs for complex products manufacturing) and MEDIAT-SME (Methodology and Tools for World-best Introduction of Innovative Market Mediation Systems and Services in Traditional SMEs) and was director of the national project RCED – High Performance Collaborative Enterprise Networks in the North of Portugal.



Dilek Cetindamar
Sabanci University Istanbul,
Academic Director
of Competitiveness Committee
and Member of School of Management

BS in Industrial Engineering and MA in Economics (Boaziçi University); PhD in Management (Istanbul Technical University). Academic experience at: Boaziçi University, Case Western Reserve University (US), Portland State University (US), Chalmers University of Technology (Sweden), University of Cambridge (UK), and MIT (US). Published 10 books and more than 50 journal articles, recipient of “encouragement award” from Turkish Academy of Sciences in 2003.



Carlos da Silva Costa

Banco de Portugal,
Governor

He is a member of the Governing Council and of the General Council of the European Central Bank, of the General Board of the European Systemic Risk Board and of the Financial Stability Board Regional Consultative Group for Europe. He is the Chairman of the National Council of Financial Supervisors. He is honorary Vice-President of the European Investment Bank (EIB), Visiting Full Professor at the Portuguese Catholic University of Oporto and at the University of Aveiro, and Chairman of the Consultative Council at the School of Economics of the Portuguese Catholic University of Oporto.

He graduated in Economics from the Faculty of Economics of Oporto University (1973). From October 2006 to May 2010 he was Vice-President of the EIB. Member of the Market Participants Consultative Panel of the Committee of European Securities Regulators (2008-2010). From April 2004 to September 2006, he was Executive Director of Caixa Geral de Depósitos, Chairman of the Board of Directors of Caixa Geral de Aposentações, Chairman of the Board of Directors of Banco Nacional Ultramarino S.A., Macao, and President of Banco Caixa Geral (Spain). From January to August 2005 he was also a member of the Board of Directors of Unibanco Holdings, S.A., Brazil. General Manager of Millennium BCP (2000-March 2004) and member of the Board of Directors of the Euro Banking Association (2001-2003). From 1993 to end-1999 he was Head of Cabinet of European Commissioner João de Deus Pinheiro, with responsibility in “Communication, Culture and Audiovisual” policies (1993-1994) and the EU cooperation policy with Africa, the Caribbean and the Pacific (1995-1999). Lecturer at the Faculty of Economics of Oporto University (1973-1986) and professor of a postgraduate course at the European Studies Centre of the Portuguese Catholic University of Oporto (1986-2000). He was distinguished with the honour of “Grand Officer of the Order of Prince Henry the Navigator”.



Begoña Cristeto Blasco

Spanish Ministry of Industry,
Secretary General
of Industry and of the SMEs

Begoña Cristeto Blasco, since February 2014 holds the post of General Secretary of Industry and SMEs from the Spanish Ministry of Industry, Energy and Tourism. Her main challenges as head of this organization include the development and monitoring of the general policy of the Department in relation to industry and small and medium enterprises.

Begoña Cristeto, 44, was born in Salamanca. She is a graduate in Economic Sciences from Madrid's Autonomous University and started work as an economic advisor to the government in 1988.

Prior to her appointment as General Secretary of Industry and SMEs, she has been CEO of the National Innovation Company (ENISA), was General Secretary of the Spanish Agency for International Cooperation for Development, she served as Deputy General Chief of the Budget Office, was CEO of the State Corporation for the Promotion and Attraction of Foreign Investment, S.A. (Invest in Spain), Deputy Director of Economic and Trade Offices and Territorial Coordination and she had previously worked as an economic advisor in one of Spain's commercial offices in Miami in 2000-2004.

Begoña Cristeto managed the Spanish Institute for Foreign Trade IT departments in 1999 and 2000, and in these two years started up the first website of ICEX and the Institute's information center. She has also worked at different management jobs at the Economy Ministry and also at the Ministry of Industry Tourism and Commerce, while lecturing in international trade to DBA and MBA students, as well as other postgraduate courses in international business management.



Axel Eggert EUROFER, General Director

Axel Eggert was born on 3 April 1967 in Bremen, Germany. He is married and has two children. He holds Master degrees from his studies of Modern History, Economics and Law at the University of Darmstadt (Germany) and the State University of New York at Buffalo (USA). He started his career in Brussels with an internship at the European Commission in 1998 before he became an adviser at the EU Representation of the State of Rhineland-Palatinate. From September 1999 to October 2007, he was political adviser and head of office to a Member of the European Parliament, with focus on the Committee on the Environment, Health and Food Safety. In November 2007, he joined The European Steel Association (EUROFER) as a Director for Public Affairs and Communication. On 1 November 2014 he has been nominated Director General of EUROFER. Axel speaks fluently German, English, French and Dutch.



Mauro Fenzi
Comau S.p.A.,
CEO

In 2014, he was appointed CEO of Comau. In addition to having global profit and loss responsibility for an annual turnover of €1.8 B generated by 4 primary divisions in 20 different locations, he is part of the FCA Global Product Committee. He joined Comau – FCA Group – in 2001 as the Global Project Director for the Painting Systems Division, he had held multiple executive management positions within the company before accepting the role of CEO in 2014.

From 2001 to 2007, he was responsible for Project Management at global level, first with the Painting Systems division (2001-2005) followed by Powertrain Systems (2005-2007). He then became the Vice President of Corporate Project Management in 2007, spearheading the creation and launch of Comau's Project Management Office. He also launched the Aerospace Business Unit in 2009, where he held the role of COO until becoming the General Director and Head of the Body Welding Systems Division in 2010.

He received a Mechanical Engineering Degree from the Politecnico di Milano in 1987, and from 1987 to 2001, before joining Comau, he held executive management, technical and commercial positions in different multinational corporations within the Aerospace and Oil & Gas Sectors.

Over the course of his career he has taught multiple seminars on management and change issues at the Catholic University in Milan as well as other business schools. He has also authored multiple books, including Project and People Management – an Operational Guide. Comau's Experience in the World, published globally in Italian, English and Chinese.



Stefano Firpo

Italian Ministry of Economic Development
General Director for Industrial Policy,
Competitiveness and SMEs

Stefano Firpo, 42 years old, is General Director for Industrial policy, competitiveness and small and medium enterprises at the Ministry of Economic Development. He was Chief of the Italian Minister of Economic Development's Technical Secretariat, holding this position also during the Monti and Letta Government. He designed and implemented the Italian legislation on innovative startups and SMEs and worked, as contributor of the "Destinazione Italia" Report and member of the Finance for Growth group, at the liberalization of corporate bonds and on recent measures to boost investments in R&D and intellectual property (patent box).

In the past, he worked as an Economist at the European Central Bank and at Intesa Sanpaolo Banking Group as Head of the CEO's Staff office.

He graduated in Political Sciences at the University of Turin, and got a post-graduate specialization in International Economics at the London School of Economics.



Francesca Flamigni

European Commission

“Complex Systems and Advanced Computing”

DG CONNECT,

Project Officer

Francesca Flamigni graduated in Mechanical Engineering and received a PhD in Design and Methods of Industrial Engineering from the University of Bologna, where she conducted research activities in the area of Computer Aided Design, advanced visualization and simulation methods. She joined the European Commission in 2012 as Project/Programme Officer. Her main area of interest is smart manufacturing and in particular, modelling and simulation applied to the design phase of manufacturing processes and products.



Luigi Galdabini

CECIMO, President

Cesare Galdabini S.p.A., Managing Director

Luigi Galdabini is, since 1990, the managing director of Cesare Galdabini S.p.A., a company with headquarters in Cardano al Campo (VA), leader in the manufacturing of metal forming technology machine tools and machine testing equipment. The company has now reached its fourth generation, and has been an associate member of UCIMU-SISTEMI PER PRODURRE since 1948. In June 2012, Mr. Galdabini was elected president by the Assembly of this association. He is also president of CECIMO, the European Association of the Machine Tool Industries. He is chairman of AITA (Associazione Italiana Tecnologie Additive), the association involved in the field of additive manufacturing. He is vice president of UNIVA, Associazione degli Industriali della Provincia di Varese, and member of the General Council of Confindustria. Mr. Luigi Galdabini has a degree in mechanical engineering from the Polytechnic of Milan.



Siyabonga Gama

Transnet SOC Ltd.,
Group Chief Executive (acting)

Mr Siyabonga Gama, 48, is the Group Chief Executive (acting) of Transnet SOC Ltd, South Africa's state-owned freight transport and logistics company. He is also Chief Executive of Transnet Freight Rail, the rail freight division of Transnet. Mr Gama was previously Chief Executive of Transnet National Ports Authority, where also he served as Port Manager and General Manager. He has been with Transnet almost 21 years.

He has received several industry awards in recognition of his leadership, including honorary lifetime President of the Union of African Railways and honorary member of the International Association of Ports and Harbours.

He has also served as President of various entities such as the Union of African Railways, the Union of International Railways Africa, the Port Management Association of Eastern & Southern Africa and the Pan African Association for Africa Ports.

Mr Gama holds a Bachelor of Commerce Degree and various qualifications in business leadership, management and operations.



Maurizio Gattiglio

EFFRA, Chairman
Prima Electro S.p.A.,
Executive Vice President

Maurizio Gattiglio is Executive Vice President of Prima Electro S.p.A., Chairman of Convergent Photonics, MA USA and General Manager of Prima Electro China Co. Ltd. Prima Electro is the component division of Prima Industrie a leading engineering corporation operating worldwide in the field of industrial lasers, sheet metal machinery and electronics. Maurizio Gattiglio is also Chairman of the European Factories of the Future Research Association (EFFRA) and member of the High Level Group of the Manufuture European Technology Platform. He has worked within the Prima Group since 1986 where he has occupied a number of different positions in R&D&I, customer support, manufacturing and management. He holds several patents of invention in the area of coordinate measuring machines and high power laser technology. Maurizio Gattiglio obtained a degree in mechanical engineering in 1984 from the Polytechnic of Turin.



Norbert Gaus

Siemens AG,
Head of Research and Technology Center,
Executive Vice President

Since May 2015 Dr. Norbert Gaus, Executive Vice President of Siemens AG, is responsible for research and development in all areas of “Digitalization and Automation” in Corporate Technology of Siemens. After earning a degree in Electrical Engineering from the Technical University Munich, he worked as a research assistant at the German Aerospace Center. For his research in control engineering and simulation, he earned a Ph.D. degree in engineering from the Ruhr University Bochum. In 1991 Gaus joined Siemens AG and held various senior management positions in Corporate Technology and in the Information and Communication Networks Group. From 2001 to 2005 he served as President and CEO of Siemens Corporate Research Inc., the Siemens research facilities in the USA. From 2005 to 2015 Gaus served as CEO for various Business Units and Divisions for Siemens Healthcare. Before assuming his current role, he was the CEO of the Customer Solutions Division (Sales, Service, Healthcare IT) at Siemens Healthcare.



Andrea Gentili
European Commission,
“Advanced Manufacturing Systems and Biotechnologies”
DG for Research and Innovation,
Deputy Head of the Unit D2

Andrea Gentili, Deputy Head of the Unit D2 “Advanced Manufacturing Systems and Biotechnologies” in the DG for Research and Innovation of the EC. He is a mechanical engineer graduated at the University of Pisa in Italy. After some experience in research at the Ecole de Mines d’Albi in France, he came back to industry and joined an American company and later he became associated of a French SME in the field of mechanical engineering. In the EC, he has been strongly involved in the setting up of the eight contractual Public-Private Partnerships (cPPPs) within Horizon.



Lewis Gossett South Carolina Manufacturing Alliance (SCMA), President and CEO

Lewis Gossett is President & CEO of the South Carolina Manufacturers Alliance, the only statewide organization dedicated solely to the interests of manufacturers. He became the youngest Cabinet member in State history when he served as South Carolina's Secretary of Labor in Governor David Beasley's administration from 1995-1999, and he was a shareholder at the Ogletree Deakins law firm prior to joining the SCMA in 2003.

While at Furman University where he received a Bachelors of Arts degree, Lewis was awarded the prestigious Harry S. Truman Scholarship in 1985. He also received a Juris Doctorate degree from the University of Georgia in 1990.

Under Lewis's leadership, the SCMA has doubled in size, adding numerous additional member services and events, including the South Carolina Automotive Council which annually hosts one of the Southeast's largest automotive industry meetings.

In response to the challenge of meeting members' workforce needs, SCMA recently created a groundbreaking public-private effort, South Carolina Future Makers, to encourage young people to pursue careers in manufacturing and information technology. Powered by STEM Premier, this effort will increase the skilled workforce pipeline entering advanced manufacturing and technical-related areas. Through partnerships with South Carolina Governor Nikki Haley and every major public workforce agency in the State, the Future Makers initiative is reaching young persons, parents, and educators to inform those audiences of the opportunities and proper education pathways for manufacturing careers.



Drew Greenblatt

Marlin Steel Wire Products LLC,
President & Owner

Drew Greenblatt bought Marlin Steel in 1998 when it was a small maker of a commodity product. Since then, he has grown revenue seven fold and is currently expanding its factory floor space 53%. In the face of challenges to the global economy, Marlin Steel has invested over \$4.5mil in robotics in a quest for quality, safety and speed. Today, Marlin Steel imports nothing and exports baskets and sheet metal fabrications to 39 countries including China, Australia, & Japan. Worker Safety is critical. Marlin Steel crossed the 2,568+ day safety milestone. In addition, Marlin Steel has been recognized as a winner of the INC 5000 2012 & 2013 (fastest Growing Companies in the USA), the Inner City 100 Fastest Growing companies in the USA (2012), Regional Employer of the Year (2007) from Baltimore City & Baltimore County and Drew Greenblatt has been chosen as an International Business Leadership Award Winner from the World Trade Center Institute (2011). Marlin's secret sauce is Quality, Engineered Quickw. Marlin Steel's engineers provide state-of-the-art, computer-driven stress analysis so clients have comfort knowing that their designs will withstand the rigors of their applications. Greenblatt has testified to the US Senate and US Congress on topics including small business, taxation, regulations, trade policy, and techniques to grow the economy. Advocating for a robust manufacturing sector, Greenblatt believes that factories provide great jobs and superb benefits – a way to grow our middle class with solid meaningful jobs. Greenblatt serves as Vice Chairman of the Small & Medium Manufacturers and Executive Board Member of the National Association of Manufacturers and Chairman of the Board of the Regional Manufacturing Institute and is the Co-Founder and Chairman of the Board of the National Alliance for Jobs & Innovation. He has a BA from Dickinson College and an MBA from Tulane University.



Bruce Grey

Advanced Braking Technology Limited,
Chairman

Bruce, until April 2014, was Managing Director of the Advanced Manufacturing Cooperative Research Centre, a position he held for four and a half years.

He is currently Chairman of Advanced Braking Technology Limited listed on the Australian Stock Exchange, and he is a Non-Executive Director of CAP XX Limited listed on the London Stock Exchange. He is currently a Board member of the Murdoch Children's Research Institute and is also Chairman of the Translation and Commercialisation Committee. He is also a Board member of the Victorian Clinical Genetics Services a subsidiary of the Murdoch Children's Research Institute.

In 2016 he became Chairman of the Industry Advisory Network for the University of New South Wales, School of Mechanical and Manufacturing Engineering. In 2005 he was appointed Chairman of the Australian Federal Government's Advanced Manufacturing Action Agenda. He also served as a member of the Federal Government's Future Manufacturing Industry Innovation Council until June 2012. From March 2012 until September 2013 he was a member of the Federal Government's Clean Technology Investment Committee. For three years until 2014 he was Chairman of the Expert Advisory Panel for the Victorian Government's Technology Voucher Program.

He is a Fellow of the Academy of Technological Scientists and Engineers and a Member of the Australian Institute of Company Directors.



James Heppelmann

PTC,
President and CEO

James Heppelmann is the president and chief executive officer (CEO) of PTC, responsible for driving the company's global business strategy and operations. During Mr. Heppelmann's leadership tenure, PTC has assembled the industry's most comprehensive technology capabilities to enable companies to create, connect, analyze, operate, and service the products and systems that comprise the Internet of Things. He also serves on PTC's Board of Directors.

Mr. Heppelmann has emerged as a driver and thought leader in the Internet of Things (IoT) space. Together with Harvard Professor Michael E. Porter, he has co-authored two highly influential articles regarding the transformational impact of the Internet of Things on business. In 2015 Mr. Heppelmann was named "IOT CEO of the Year" by PostScapes, "Technology CEO of the Year" by the Massachusetts Technology Leadership Council, and received the "CAD Society Leadership Award" for his work with the Internet of Things. Mr. Heppelmann is a member of the board of directors at SENSATA. He serves as a member of the Dean's advisory board at the University of Minnesota College of Science & Engineering, and is an executive advisory board member of the national FIRST. Mr. Heppelmann was recently recognized as one of the "Top 100 CEO Leaders in STEM" by the STEMconnector organization. Prior to his appointment as CEO in 2010, Mr. Heppelmann served as PTC's president and chief operating officer, responsible for managing the operating business units of the company. From 2001 to 2009, he served as PTC's chief technology officer, driving the company's product vision and strategy, product development, and product marketing and management. Mr. Heppelmann joined PTC in 1998 when the company acquired Windchill Technology, a Minnesota-based company that he co-founded and served as its chief technology officer. Mr. Heppelmann attended University of Minnesota, where he earned a bachelor's degree in mechanical engineering with an emphasis on computer-aided design.



Saul Haro MACROLYNK, President and CEO

Saul Haro is President & CEO of MACROLYNK, prior to MACROLYNK; Saul managed supply chain and import/export operations for Mabe (GE Appliance Company) and Valeo Wiper Systems. Seeing that his people were spending far too much time doing manual record keeping, he started to explore ways to automate the process. By the mid 90's he had the first generation technology of what would become the SAI-NET Suite ready to take to market. Since founding his first company LCI in 1996, Saul has focused his energies on running the company, expanding the product line, and after many years of research and development Saul launched a new generation software and company named MACROLYNK in 2014 at the ATI Technology Incubator and in the IBM Global Entrepreneur Program in Austin Texas.

MACROLYNK became the first Supply Chain Collaboration platform with Social Networking Architecture in the world that identifies problems as they happen and provides a collaborative social networking interface to bring the right people together to quickly and cost effectively resolve the problems in highly complex Manufacturing Ecosystems like the Auto industry in North America. The result is a faster, smoother flowing supply chain.

In September 2015 Saul was named the Entrepreneur of the year by CNN Expansion magazine. Saul is a frequent speaker and lecturer on Supply Chain Management and Global Trade Automation, holds a bachelor's degree in International Business from UASLP and lives in Austin, Texas & San Luis Potosi, Mexico.



Jack Harris IMS, Head of Delegation - United States

With over 40 years at Rockwell Collins, Jack Harris retired as the Director of Advanced Manufacturing Technology in September 2011. In this capacity he was responsible for the strategic direction of manufacturing technologies and process development. This included the alignment of business unit technology needs with manufacturing capabilities and the implementation of Digital Manufacturing tools and technologies for over a dozen manufacturing locations worldwide. He has been engaged in economic development in manufacturing for over 25 years, and has served as the Vice Chairman of the Iowa Innovation Council and as a member of the state's Technology Commercialization Committee. After his retirement, he launched the Iowa Innovation Corporation (IIC) and served as the President/CEO of IIC. Today; he serves as General Manager for the PDES Inc. international consortium, whose charter is to provide enterprise business value through improved information interoperability and usage, and is the IMS Head of Delegation for the United States to the U.S. delegation on the global Intelligent Manufacturing Systems (IMS) program. In addition, he serves as a director on three small manufacturing company boards, Vice Chairs the Advanced Manufacturing Working Group for the U.S. Aerospace States Association and is the CEO for Parametric Studio: a start up Aero Engineering STEM software provider. He holds an AAS and BS in Mechanical Engineering and an MS in Engineering Management.



Mark Housley

Carbon Conversions Incorporated,
Executive Vice President

Graduated with Bachelors of Science degree in Chemistry from University of South Carolina then worked as a colorant synthesis chemist at Milliken and Company a multi-billion dollar advanced textiles and chemistry corporation. Enjoyed roles with Milliken as Global Sales Manager , Director of New Ventures and Leader – Medical Device Division. Have served as a Board member and officer of several companies and organizations in the fields of immunology, mental health services and local government agencies. Currently Executive Vice President of Carbon Conversions Incorporated a South Carolina Research Authority affiliated company and a member of SCRA's Tech Ventures organization. Carbon Conversions Inc. is North America's first and only dedicated carbon fiber recycling facility. Have keen interests in economic development, advanced manufacturing and cultural diversity. In addition to travel, enjoy hiking and snow skiing.



Rainer Kallenbach

Bosch Software Innovations GmbH,
Chairman of the Executive Board

Dr. Ing. Rainer Kallenbach has been Chairman of the Executive Board of Bosch Software Innovations GmbH since January 1, 2014. He has direct management responsibility for product development, business development, sales & marketing as well as HR, finance & controlling.

Rainer Kallenbach has held a number of different executive posts at Robert Bosch GmbH in research & development as well as sales in Germany and Mexico. In his more than 25 years with the Bosch Group, he has shaped the development of complex and highly connected embedded systems in the automotive sector. From 2000 to 2002, he was co-founder and co-director of what is now Bosch Engineering GmbH. From 2003 to 2011, he was on the executive management board of the Bosch Automotive Electronics division. Most recently, he served as Executive Vice President of the global Bosch IT organization, with responsibility for the technology and security of data processing.

He studied technical cybernetics at the University of Stuttgart and completed his doctoral thesis on modeling and simulation of mechanical and mechatronic systems.

Rainer Kallenbach was born in 1958 in Mannheim, Germany, and is married with three grown children. He enjoys jazz concerts, theater, opera, and art exhibits, and is also a passionate amateur photographer.



Max Lemke
European Commission,
“Complex Systems and Advanced Computing”
DG CONNECT,
Head of Unit

Dr. Max Lemke is the Head of Unit for “Complex Systems and Advanced Computing” in Directorate General CONNECT of the European Commission. He has a leading role in developing and coordinating the strategy for Digitising European Industry under Commissioner Oettinger. In the European Commission’s Research and Innovation Programme HORIZON 2020, Max is responsible for the areas embedded and cyber-physical systems, advanced computing, and ICT for manufacturing. Max is co-responsible in CONNECT for the Joint Technology Initiative ECSEL (Electronic Components and Systems for European Leadership) and the Public Private Partnership Factories of the Future. In the latter context he also has launched the I4MS initiative (ICT Innovation for Manufacturing SMEs).

Max has worked in various areas in the European Commission Research and Innovation Programmes since 1995, including the future internet, security, high performance and grid computing, and security. Before joining the Commission, Max has worked in research and industry in Germany, the US, and the UK. With a Doctorate in Natural Sciences, he has a scientific background in numerical mathematics, parallel computing, and software engineering.



Roberto Maroni

Lombardy Region (Italy),
President

Born in Varese, Italy, on 15 March 1955. Married with three children. Resident in Varese. Graduated in law. Lawyer. He headed a legal office at a US multinational.

A member of the Lega Nord party, Mr. Maroni joined the Lega Lombarda party when it was first founded and he became a political activist in 1979. After becoming Provincial Secretary of the Lega Nord and a member of the Lega Lombarda National Council, in 1990 he was elected to the municipal council in Varese, before becoming a Councillor in the city's first Lega-led administration. He was elected to parliament as an MP in 1992. He became Chairman of the Lega Nord Chamber of Deputies' Parliamentary Group in 1993.

He was returned to the lower House of Parliament in 1996 with the Lega Nord Padania Group. In 2001, he served as Minister of Labour and Social Policy (Welfare). As part of his mandate, he pushed through a root and branch reform of labour law targeted at making Italy's labour market more flexible and inclusive. He also enacted major pension reforms to promote private supplementary pensions. In 2006, he was elected Chairman of the Chamber of Deputies' Lega Nord Padania Group; he became a member of the Parliamentary Committee for Security of the Republic, the Parliamentary Delegation to the Council of Europe Assembly, and the Parliamentary Delegation to the Assembly of the Western European Union.

In 2008, he was re-elected to the Chamber with the Lega Nord Padania. Under the fourth Berlusconi administration he served as Minister for Internal Affairs. During this mandate he acted robustly against organized crime, particularly in the claw-back of Mafia assets.

In July 2012, he was elected Federal Secretary of the "Lega Nord per l'Indipendenza della Padania" Confederal Political Movement. Polling 43% of votes cast, he was elected President of the Lombardy region in elections held in February 2013.



Joaquim Minguela - Canela

Fundació CIM

Universitat Politècnica de Catalunya,
Director of Learning and Technology

PhD in Industrial Engineering by the Universitat Politècnica de Catalunya (UPC), International Diploma in Management by the Imperial College London (U.K.) and Unitech fellow by the Unitech International Unitech Alumni Association (C.H.). He has worked in different companies in the areas of Product Development and Manufacturing in countries like France or England. Currently, he is the Academic Director and R&D Director of Fundació CIM, where he heads the Areas of Training, Projects and Technical Office. Furthermore, he is the Director of the Master on Computer Integrated Manufacturing and Engineering and holds an Associated Professorship on Manufacturing, Machines and Transportation Systems at the Department of Mechanical Engineering of the UPC.

He participates in Networks and Associations in the fields of mechanics and the manufacture such as SIF, MANU-KET, AM Platform, EFFRA, IMS and, in particular, XaRTAP, where he acts as coordinator of the Managing Entity. He has taught seminars on Product Development and Innovation in companies from countries such as Mexico. In the spring of 2014, he participated as delegate of the initiative RepRapBCN in the “Global Industry Challenge - W2NYC” being designated by the New York City Economic Development Center as one of the 10 initiatives with higher potential globally regarding Advanced manufacturing. His research fields focus in the design, materialisation and use of 3D printing systems in the broader supply chain; especially for biomedical and food industries. Related to this, Fundació CIM was awarded in 2015 the “Manel Xifra i Boada” trophy of the School of Engineers in Girona to the Applied Research Group/Technology Centre as a recognition to its research work regarding Computer Integrated Manufacturing.



César Molins
AMES S.A. Group,
CEO and Chairman of the Board

Doctor of industrial Engineering by the Industrial Engineering School of the Polytechnical University of Catalonia in Barcelona, Spain and ME and PhD in Nuclear Engineering Sciences by the University of Florida, Gainesville, FL, USA. Attended the IESE and EADA Business Schools in Barcelona for PDD Executive degrees.

CEO of AMES for more than 30 years (1985 to present) and Chairman of the Board since 2003, started working at AMES as a sales engineer in 1981.

He was a researcher and a part time professor during his graduate work in college and worked as a computer programmer at EYSSA (catalan company supplying large cities traffic control systems) from 1973 to 1975.

He was President of the European Powder Metallurgy Association from 2001 to 2007 and is Vice President since that time. He was also a member of the Barcelona Chamber of Industry and Commerce Council from 1998 to 2002 and is a member of the Industry and Energy Commission since that time. He was appointed to the Advisory Council for Economic Recovery and Growth to the President of Catalonia from 2011 to 2013 and has been called to a number of advisory councils to the catalan government since. He is a member of the Board of Trustees of EADA Business School since 2013. He is a member of the Board of Sernauto, the Spanish Association of Automobile Component Manufacturers since 2003.

He was appointed Fellow of the PMAI Powder Metallurgy Association of India in 2013 and received the Ivor Jenkins award of the Institute of Metals (UK) in 1998.



Dan Nagy
IMS,
Inter-Regional Secretariat,
Managing Director

As Managing Director of the Inter-Regional Secretariat of Intelligent Manufacturing Systems (IMS), Mr. Nagy is currently responsible for oversight of activities related to the IMS international program including general management, marketing, finance, project portfolio, and outreach activities.

Mr. Nagy was a former manager of corporate accounts for Apogent Technologies, where he guided sales and marketing of microbiology, serology, immunology, pathology, drugs of abuse, and special chemistry products to large accounts. He developed and implemented contracts with major group purchasing organizations and large commercial laboratories, and pioneered group contracting with the Department of Veteran's Affairs and Department of Defense.

In his early career, he worked as a medical technologist and laboratory manager. Mr. Nagy holds a Bachelor of Arts from Lycoming College, and a Masters of Business Administration degree from Baker University. He also holds certification in medical laboratory technology and other certifications.



Imraan Patel

Department of Science and Technology
of South Africa,
Deputy Director-General,
Socio-Economic Partnership

A public policy and strategy manager with a focus on innovation, sustainability, social and economic development, and public management and governance.

Employed since 2006 at the South African Department of Science and Technology, he currently holds the position of Deputy Director-General: Socio-Economic Innovation Partnerships and represents the department on the social and economic clusters of government and the advisory committee for the Green Fund. He is also a member of the board of the Water Research Commission and the Southern African Science Service Centre for Climate Change and Adaptive Land Management (SASSCAL)

At the DST, he is responsible for strategically driving a portfolio of investments and policies that advances the social and economic development priorities of government through science and technology-based interventions.

Areas of focus include Information and Communications Technologies, Sector Development, Climate Change and Biodiversity, Environmental Technologies, Advanced Manufacturing, Mining and Minerals Beneficiation, Chemicals, Technology Localisation and Innovation for Inclusive Development.



Alberto Ribolla

Confindustria Lombardia,
President

Alberto Ribolla is President of Confindustria Lombardia since October 2013.

Graduated in Chemical engineering at Politecnico di Milano, he is CEO of SICES GROUP, based in Legnano, a company active in the industrial plant building, with a turnover of over €300 million. In SICES GROUP, he is Chairman of Board of Directors of Pensotti Fabbrica Caldaie Legnano S.p.A., Vice President of SICES Polska, President of Mecaer Aviation Group S.p.A. (aerospace sector), President of Fluitek Orsenigo (specialized in the manufacturing of valves).

Vice President of Credito Valtellinese Bank from January 2015, Member of the council of Credito Valtellinese s.c.r.l. since May 2004, Member of the Executive and Strategic Committee since 2009. He is also member of the General Council of Confindustria since 1993 and president of the Club of the “15” of Confindustria (the 15 Italian provinces with the highest level of manufacturing).

In the recent years, he was founder and President of the Lombardy Energy Cleantech Cluster (from 2009 to 2015) and member of the Board of Directors and Executive Committee of the University Carlo Cattaneo – LIUC.

He is also member of the National Council and Executive Committee of the National Association of Industrial Plant manufacturer (ANIMP) since 1999 and member of the Executive Committee since 2004.

Always engaged in the activities of the local Associations, he was President of the Young Entrepreneurs of UNIVA, deputy Chairman and President of the Union of Industrialists of Varese, member of the board of directors of the Chamber of Commerce of Varese and of the Varese branch of the Bank of Italy.



David Romero

Tecnológico de Monterrey University,
Research Scientist
and Scientific Project Manager

Professor David Romero is Senior Research Scientist and Scientific Project Manager at the Tecnológico de Monterrey University (Mexico). He currently acts as leader of the research line on Sustainable PProcess Industry & iNdustrial ecoLogy (SPRING) at the Advanced Manufacturing Research Group, Center for Innovation in Design and Technology, National Graduate School of Science and Engineering. He is former Director of Strategic Partnerships for Knowledge Generation and Transfer at the Vicepresidency for Research, Postgraduate Studies and Continuous Education at the same university, where he has also occupied executive director positions in the departments of research and development, entrepreneurship, innovation and technology management, as well as business incubation and acceleration, family business and technology transfer. He has participated in various research projects related to: Enterprise Architectures, Integration, Interoperability and Networking (EAI2N), Concurrent Engineering Enterprise (CEE), Sustainable Collaborative Networked Organizations (CNOs), and Technology and Innovation Management (TIM). He is actually member of the Ibero-American Community for Knowledge Systems, the Global Knowledge Based-Development Community, the Society of Collaborative Networks, the FinES Cluster Task Force on Collaborative Networks, the European Network of Living Labs, the Intelligent Manufacturing Systems (IMS) Programme, the ICE Community on Engineering, Technology and Innovation, the International Federation of Green Information and Communication Technologies, the IFAC TC5.3 on Enterprise Integration and Networking, the IFIP WG5.7 Advances in Production Management Systems, the IFIP WG5.12 Architectures for Enterprise Integration, the IEEE Technology and Engineering Management Society and the IEEE Internet of Things Community. He has published more than 70 journal and conference articles and serves at different boards in the disciplines of business and industrial engineering.



Khalil Rouhana

European Commission

“Communications Networks, Content & Technology”

DG CONNECT,

Director for Components & Systems

Khalil Rouhana is the director for “Components & Systems” in DG CONNECT (Communications Networks, Content & Technology). The mission of the Directorate is to support research and innovation and ensure industrial and business development in micro and nano electronics, photonics, robotics, embedded and complex systems and advanced computing. The Directorate is also DG CONNECT lead for Horizon 2020/LEIT, notably coordination of key enabling technologies (KET) in ICT .

In his previous experiences in the Commission, he was the Director for “Digital content & Cognitive systems”, the Head of Unit in charge of ICT research and Innovation strategy, and started as a project officer in the ESPRIT programme in the areas of High Performance Computing and Future and Emerging technologies.

Before joining the Commission in 1992, he was for 5 years the director of an institute and school of engineering (Grande Ecole) in France. He started his career as research and development engineer for the aeronautics industry, worked for the French University in Beirut and created also his own engineering company. He has two master degrees in electrical and electronic engineering.



Tanja Rueckert

SAP,
LoB Digital Assets and IoT,
Executive Vice President

Tanja leads the LoB Digital Assets & IoT. She has end-to-end responsibility for all SAP solutions in the areas of manufacturing, supply chain management, asset management and Internet of Things (IoT) & Industrie 4.0.

Helping customers to accelerate the digital transformation of their business models, processes and assets is at the core of Tanja's organizational charter. To this end, she drives a compelling portfolio of innovative solutions that are aimed at turning connected things into outcomes and creating new business value. She reports to Bernd Leukert, SAP Executive Board, Head of Products and Innovation.

Tanja joined SAP in 1997, and has worked on many different customer implementation projects, held leadership roles in quality and program management and was the COO of HR and Products & Innovation board areas.

She holds a doctorate in chemistry from the University of Wuerzburg and the University of Regensburg, Tanja splits her time between Silicon Valley and SAP's headquarters in Walldorf Germany, and is a mother of two children.



Massimiliano Ruffo

Fimap S.p.A.,
CEO

Massimiliano Ruffo is CEO of Fimap S.p.A, a national and international leader in the design and production of professional floor-cleaning machines.

Fimap offers several models of scrubbing and sweeping machines, vacuum cleaners and single disc machines to meet any kind of cleaning need, equipped with innovative technological solutions that allow achieving high hygiene levels respecting the environment and reducing costs. Fimap, founded on March 25th 1988, has become a firm presence in its sector, with a continuous and constant growth trend. Massimiliano Ruffo (the present CEO) has been heading the company since 1994, managing to turn Fimap into one of the most important companies of its field.

The key elements of Ruffo's managing strategy have involved three major areas:

- Innovation, always looking for new solutions
 - High quality products, confirmed by ISO certifications and strong production processes
 - Workers well-being, treating employees like people with specific needs and desires
- Now he is driving Fimap into a new direction based on people well-being on one hand and creating new innovative products that don't exist in the actual market.



Roberta Salonna
European Commission,
DG for Research and Innovation,
Principal Research Programme Officer

Senior Programme Official of the European Commission in Directorate “Industrial Technologies” within DG Research & Innovation (NMP programme - Nanotechnology, Materials and Production Technologies).

In charge of: Evaluation, negotiation and follow up of RTD projects on the Consumer Goods manufacturing sectors (Textile/Clothing, Footwear, Sporting Goods, Furniture, etc.) as well as other ones, such as automotive, mechanics, construction.

EU Regional Secretariat (NMP programme) of IMS an International Cooperation scheme on Manufacturing RTD issues at global level.

Joint Working Group between the three European Technology Platforms of Footwear, Textile/ Clothing and Sporting Goods on the “Consumer Goods” thematic area:

- ETP on the Footwear sector launched in June 2006
- Sporting Goods Working Group launched in March 2008
- MANUFUTURE National Platforms in IT, PT and CH



Al Siblani

EnvisionTEC Inc.,
President and CEO

Al Siblani is the President and Chief Executive Officer of EnvisionTEC, Inc., a global leader in 3D printing technology and materials. He graduated with a Bachelor's degree in Electrical Engineering from Lawrence Technological University in 1990 and received his MSEE from Wayne State University in 1993.

Mr. Siblani began his career in the rapid prototyping industry by placing the first Helisys LOM2030 machines at Ford, GM and Chrysler, then founded his own company, Sibco, Inc., the only third party provider of services and materials for the rapid prototyping industry at the time.

Mr. Siblani used this experience and knowledge to develop a new rapid prototyping system utilizing DLP from Texas Instruments as the technology platform. In November of 2002, he founded EnvisionTEC, GmbH and began delivery of the Perfactory® 3D printer using the DLP 3D printing process. This represented what would become the first of well over 100 patented solutions that EnvisionTEC Inc. brought to the market to compete in the 3D printing arena, including two additional 3D printing platforms, the Bioplotter® for bioprinting applications and most recently, the 3SPTM (Scan, Spin and Selectively Photocure) technology platform.

Under Mr. Siblani's guidance, EnvisionTEC has been manufacturing award winning, high speed, economical additive manufacturing machines for use in the dental, jewelry, medical, toy and mechanical CAD markets for 11 years, expanding the business to include a second headquarters in Dearborn, Michigan and additional R&D, Sales, and Manufacturing locations in California, the UK, and Canada.



Ernst Stöckl-Pukall

German Federal Ministry of Economics and Energy,
Department for Industrial Policy
Head of Unit for Digitisation and “Industrie 4.0”

As Head of Unit for Digitisation and “Industrie 4.0” in the Department for Industrial Policy in the Federal Ministry for Economics and Energy Ernst Stoeckl-Pukall is responsible for the “Plattform Industrie 4.0”. The Plattform is a central player in the digital transformation of the manufacturing sector in Germany and includes all relevant stakeholders such as industry, academia, trade unions and politics. Before he was in charge of the maritime sector after having returned from his post at the German Embassy of New Delhi where he served as economic and commercial counsellor. He graduated in Economics at Ludwig Maximilians-University in Munich.



Rudolf Walter Strohmeier

European Commission,
DG for Research and Innovation,
Deputy Director General

Since 2010 Deputy Director General for Research & Innovation at the European Commission, responsible for the Research Programmes, he is currently Acting Director for Directorate D – Industrial Technologies of DG RTD as of 1 February 2016. He is Commission representative in the Governing Boards of most Joint Technology Initiatives of the EU with different industrial sectors and serves as the European Co-Chair of the Executive Committee of the International Group for Earth Observation (GEO).

After studies of Law and Economics, he joined the Bavarian Liaison Office to the Federal Government in Bonn and established the Bavarian Information Office in Brussels. Working in the EU-Commission since 1987, he was inter-alia serving in the Cabinets of President Prodi, Commissioners Schmidhuber, Fischler (Dep. HoCab) and Reding (HoCab).



Martin Stuchtey

McKinsey & Company,
Director of Center for Business
& Environment

Dr. Martin R. Stuchtey is the founder of SYSTEMIQ, a company that develops new markets and assets in the sustainability space. Before founding SYSTEMIQ Martin has worked for the McKinsey & Co for twenty years. There he served clients in a range of sectors, from transportation to energy and infrastructure. In 2006, Martin co-founded McKinsey's Sustainability Practice, working with corporate, government and social sector clients on the challenges of climate change, water scarcity and resource depletion at large. Most of his work was dedicated to circular industrial systems. He initiated – together with Ellen MacArthur – the Circular Economy Initiative at the World Economic Forum. He has been a strategic advisor to the World Economic Forum and is the author of many articles, TV and radio broadcasts of resource management. He is a lecturer at Innsbruck University for Resource strategy and management. Prior joining McKinsey, Martin served as a company commander in the German Alpine forces and worked as geologist on mining projects in Southern Africa. Martin Stuchtey holds a BSc. Hons.-degree in economic geology/mineralogy from Rhodes University (South Africa), a Masters in business economics from the Coblenz School of Management (Germany), an MBA from Lancaster University (UK) and a PhD in regional economics from the Technical University of Dresden. Martin is married and has six children, he lives in Pöcking and Anras.



Marco Taisch
Politecnico di Milano
Manufacturing Group,
Professor of
Advanced and Sustainable Manufacturing

Marco Taisch is professor at the Department of Economics, Management and Industrial Engineering of Politecnico di Milano (POLIMI), where he teaches the courses of Advanced and Sustainable Manufacturing Systems, and Operations Management. Has been the director of the Executive MBA and the full time International MBA of the School of Management of POLIMI.

He acts as member of the board of the European Factories of the Future Public Private Partnership, as member of the board of the Italian Cluster of the Intelligent Factory. Recently served as expert consultant to the Italian Ministry of Innovation and Economic Development for the writing of the Italian policy on Industry 4.0

The team of Manufacturing Engineering that he is leading counts around 40 researchers working in the field of Sustainable Manufacturing, Energy Efficient Manufacturing, Sustainable Mass Customization, Lean Product and Service Design, Product Data Modeling, Internet of Things, Internet of Services and Cyber-Physical Systems in the manufacturing sectors always with a strong industrial collaboration (i.e. Bosch, FCA, COMAU, Dassault Systemes, SAP, Siemens, Schneider Electric, Whirlpool, etc.). The team took part in more than 25 international funded projects with an overall budget of more than 13 millions of Euros.

Coordinator of IMS2020, a roadmap for research in Sustainable Manufacturing at global level, scientific leader of ActionPlanT, a roadmap on ICT for Manufacturing, contributor to So-Smart and Pathfinder roadmaps, he is coordinating sCorPiuS, a technological roadmap on Cyber Physical Systems for Manufacturing.

He is the founder of the World Manufacturing Forum, where he is acting as Scientific Chairman.



Abraham Tijerina

Metalsa SA de CV,
Coordinator of Innovation Management
IMS, Chairman

Abraham Tijerina is Coordinator of the Innovation Management process at Metalsa SA de CV, a leading global corporation for Design, Development and Manufacturing of Automotive Structural Components. He has been working at Metalsa since 1992 where he has occupied different positions in Engineering, Technology and Innovation groups and has been responsible to grow and to establish three technical centers, two in Mexico and one in the USA.

Among his main activities are the Integration and Management of Metalsa's Innovation Project Portfolio, Technology and Engineering Processes, Collaboration Programs with Technological Partners and Universities, Intellectual Property Portfolio, External Funding for Innovation.

Mr. Tijerina has served as Member of the Technical Board of Mexico's National Technology Award Foundation and the NanoTechnology Cluster. Currently at the Automotive Cluster, the Industrial Chamber in the state of Nuevo Leon, Mexico's Auto Part and OEM innovation committees and Chairman of the international organization Intelligent Manufacturing System (IMS).

He received his M.Sc. degree in Mechanical Engineering from the Tecnológico de Monterrey (ITESM) and his Mechanical Engineering degree from the Universidad Autónoma de Nuevo León, both in Mexico.



Luis Torreblanca
National Council of Science
and Technology of Mexico,
Chief Strategy for Technological Attention
of the Automotive Industry and Manufacturing

Mechanical and Electrical Engineering from the Faculty of Engineering of the Autonomous University of Mexico and Master of Science in Marketing Science and Technology in the Joint Program in Austin Technological University and the Center for Research in Advanced Materials. He has conducted several studies of specialization and graduates in quality issues, strategic planning, innovation, technological development and administration of research and development institutions.

He has over 35 years of experience in technological development and innovation. For 10 years he headed the technology group Whirlpool gas stoves industrial group. In his first experience in the National Council of Science and Technology it enabled him to implement stimulus programs to industrial innovation and the generation of technology-based companies.

Additionally, he had the responsibility to lead the establishment of technical assistance programs in several public research centers of the National Council of Science and Technology of Mexico (CONACYT), highlighting their participation in the promotion and establishment of a new institution of its kind in the city of Queretaro. He was Director General of the Center for Applied Innovation in Competitive Technologies, and was commissioned as Chairman of the Advisory Council of Public Research Centers CONACYT.

later serving as Deputy Director of Technological Development and Innovation in the CONACYT designing, establishing and operating public policies for integration and strengthening the national innovation ecosystem and boosting investment in Research, Development and Innovation National.

Currently, he serves as Chief Strategy for technological attention of the automotive industry and Manufacturing in the National Council of Science and Technology of Mexico.



José-Lorenzo Vallés

European Commission,
“Advanced Manufacturing Systems and Biotechnologies”
DG for Research and Innovation,
Head of Unit

Dr. José-Lorenzo Vallés has graduated in Physics and Chemistry. After obtaining a PhD in Physics from the University of Barcelona, he worked for four years as a postdoctoral researcher in Computational Physics at Courant Institute of New York University and the University of Minnesota (USA), and later worked as Associate Professor at the University of Barcelona. Since joining the European Commission in 1991, he first worked at the Institute for Advanced Materials in the Netherlands, and later as S&T Counsellor at the EC Delegation in China. In 1999 he moved to DG Research and Innovation in Brussels, where he has been Head of Unit for “Materials” and Head of Unit for “New Forms of Production”. He is currently Head of Unit for “Advanced Manufacturing Systems and Biotechnologies”.



Guillaume Vendroux

Dassault Systèmes,
DELMIA, CEO

Graduated from the California Institute of Technology with a Ph. D. in Aeronautics (93), Guillaume started his career in Engineering and R&D in the Transport sector, from aerospace as R&D engineer in Composite material at Aerospatiale (94-98, to Advanced project Director at Valeo Electrical System (98-06) to various position in Engineering and R&D at Alstom Transport. In 2010, still in Alstom Transport, Guillaume entered the Manufacturing world as VP industrial In 2016. Guillaume joined DS to lead the DELMIA Brand, Dassault Systèmes industrial solutions portfolio to continue supporting all industries in the digital revolution to come.



Garth Williams
Department of Science and Technology
(South Africa),
Director
Advanced Manufacturing Technologies

Mr Williams works at the Department of Science and Technology in Pretoria, South Africa as Director: Advanced Manufacturing Technologies where he is responsible for technology policy in relation to the manufacturing sector.

Before this Mr Williams worked in Johannesburg at Mintek, a public research organisation that specialises in minerals processing and extractive metallurgy. He was initially a precious metals researcher-cum-special projects coordinator, and later moved into an HR environment where he oversaw the company's human capital development and science promotion programmes. He started his working career in Cape Town working as the plant metallurgist at GKN Sinter Metals Cape Town, a powder metallurgy-based component manufacturer, followed by a short stint at the R&D Division of Nampak, a diversified packaging manufacturer.

Mr Williams has a Masters degree in Materials Engineering from the University of Cape Town and a qualification in innovation systems from the Institute for Economic Research on Innovation at the Tshwane University of Technology. He furthers his education through MOOCs in his spare time.





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