

————— **Program** —————

5th INTERNATIONAL SMART FACTORY SUMMIT

**Elevating Skills, Empowering Innovation:
Smart Factories for a Sustainable Future**

**12th-14th June 2024
Biel/Bienne, Switzerland**

In collaboration with

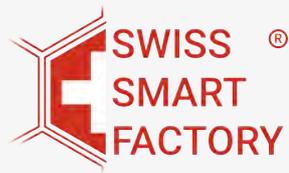


UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



Innovating Million Lives

Organizer



powered by



Co-Organizers



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



Innovating Million Lives

Sponsors / Partners



"Elevating Skills, Empowering Innovation: Smart Factories for a Sustainable Future"

Each year, the heart of innovation beats in Biel, Switzerland, where the global smart factory community converges. This year marks a milestone – the fifth edition of the **International Smart Factory Summit (ISFS)** – a testament to our commitment to advancing manufacturing for sustainable economic growth and societal prosperity.

At ISFS, 'smart factory' is more than a term – it's a vision of hubs **elevating skills, empowering innovation**, and supporting industry with the adaption of future technologies **for a sustainable future**. These hubs are catalysts for digital and sustainable transformation, addressing the pressing challenges of our time: climate change, economic downturns, global political volatility, and complex supply chains.

The ISFS is a distinguished event where industry leaders, policymakers, academics, and researchers come together to discuss these challenges and develop strategies to strengthen manufacturing on a local and global scale. Our program features insightful keynotes, interactive sessions, roundtable discussions, and plenty of opportunities for networking – fostering a robust community united by a shared, long-term vision.

This is our second year, the **Swiss Smart Factory** of Switzerland Innovation Park Biel/Bienne, is proud to co-organize the summit alongside the **Swiss CXO Forum** – a network of excellence for industrial leaders across Switzerland and beyond.

This year, we are very honored to welcome **UNIDO** as another strong co-organizer and supporter of our agenda. Together, we are aiming at institutionalizing this event, creating a steady home to our growing community of Smart Factory leaders. Our collective aim is clear: to drive sustainable industrial development that harmonizes economic growth, social well-being, and environmental care.

We invite you to be part of this transformative community, to share insights, build connections, and contribute to a future where smart manufacturing is the cornerstone of a prosperous and balanced world.



Dr. Dominic Gorecky

Chairman, ISFS
Head of Swiss Smart Factory & Swiss Health Tech Center Executive Board Member, Partner
President, Swiss Robotics Competence Center (S3C)
Co-Founder, Swiss CxO Forum

ISFS International Program Committee:

- Prof. Dr. David Romero, Tecnológico de Monterrey, Mexico
- Prof. Dr. Duck Young Kim, POSTECH, Korea
- Dr. Johannes be Isa, Inoyad, Germany
- Dr. Milan Kumar, ZF Group, Switzerland
- Eng. Mouni Mohamed Taher, Beyond 4.0, Morocco

ISFS Technical Support Committee:

- Puja Varsha, DataFaktory, Switzerland
- Rishin Kar, Essence Transmedia, India

ISFS Chairman:

Dr. Dominic Gorecky
Dominic.Gorecky@sipbb.ch

+41 79 579 48 84

Wednesday, 12th June 2024

Pre-Summit Social Event and Dinner

14:30 **Welcome**
At Switzerland Innovation Park Biel/Bienne,
Aarbergstrasse 46, 2503 Biel/Bienne, Switzerland
Tel. +41 32 530 88 88

15:00 *Transfer to the venue of Social Event*

15:30 **Visit to the hydroelectric power plant in Hagneck**



17:15 **Transfer to the Restaurant Stadthaus**

17:45 **Welcome Dinner**
Restaurant Stadthaus, Hauptstrasse 18, 2560 Nidau



Thursday, 13th June 2024

Day 1 of the International Smart Factory Summit

- 09:00 **Welcoming Address United Nations Industrial Development Organization (UNIDO)**
Ciyong Zou, Deputy to the Director General, Managing Director of the Directorate of Technical Cooperation and Sustainable Industrial Development, UNIDO
- 09:10 **Welcoming Address Canton of Bern**
Isabelle Berthold, Berne Economic Development Agency
- 09:20 **Opening Keynote World Economic Forum**
Kyriakos Triantafyllidis, Head of Growth and Strategy, Centre for Advanced Manufacturing and Supply Chains, World Economic Forum
- 09:40 **Keynote "The Journey Towards a Smart Factory: A Global Perspective through Data-driven Insight"**
Dr. Raimund Klein, CEO & Founder, International Centre for Industrial Transformation (INCIT)
- 10:00 *Coffee break*
- 10:20 **Impulse "Manufacturing-X: Crafting Global Value Networks for Tomorrow"**
Dr. Dominik Rohrmus, CTO, Lab Network Industrie 4.0 | Siemens
- 10:30 **Panel Session "Smart Factories around the Globe for a Sustainable Future"**
Moderator: Dr. Johannes be Isa, CEO, Inoyad
- **Africa**
Anas Rochdi, Chief Innovation Officer, Novation City, Tunisia
 - **Asia**
Teh Sook Ling, CEO, SHRDC, Malaysia | MD, Malaysian Smart Factory 4.0
Prof. Dr. Duck Young Kim, Full-Professor, POSTECH, Korea
| Founder Factory Intelligence Lab

- **Europe**

Dr. Nikos Kyriakoulis, Co-Found CORE Innovation, Greece
 | Founder Greek Smart Factory

Dr. Dominic Gorecky, Chairman ISFA | Founder Swiss Smart Factory

- **Middle East**

Dr. Ibrahim Abdullah Alshunaifi, Assistant Professor,
 King Abdulaziz City for Science & Technology, Kingdom of Saudi Arabia

Dr. Antonio Feraco, Senior Advisor, Industrial Development Bureau,
 Abu Dhabi Department of Economic Development, United Arab Emirates

11:15 *Coffee break*

11:30 **Parallel Working Sessions "Together Building a Better Future"**

Moderator: Prof. Dr. David Romero, Full-Professor, Tecnologico de Monterrey

- **Working Session A** Socially Sustainable Smart Manufacturing: *Education, Training, Diversity, Inclusivity.*
- **Working Session B** Environmentally Sustainable Smart Manufacturing: *Energy-Efficiency, Water-Efficiency, Resource-Efficiency.*
- **Working Session C** Economically Sustainable Smart Manufacturing: *New Products, Services, Product-Service Systems*

12:30 *Conference Lunch*

13:30 **Results of the Parallel Working Sessions
 "Together Building a Better Future"**

14:00 **Pitching Session "Insights from International Initiatives"**

Brazil	Croatia	Greece	Germany	Indonesia
Italy	Kenya	Morocco	Malaysia	Mexico
Saudi Arabia	Tunisia	United Arab Emirates		

15:15 **Official Release of the UNIDO Smart Factory Guidelines**

Dr. Rafik Feki, Industrial Development Officer, UNIDO

Prof. Dr. Sama Mbang, Founder and Executive President, Digital Transformation Alliance | Mercedes-Benz

15:30 *Coffee break*

16:00 **Panel Session 3 "Ecosystem Building in collaboration between Europe and Africa"**

Moderator: Eng. Mouni Mohamed Taher

- Anas Rochdi, Chief Innovation Officer, Novation City
- Prof. Dr. Jean Bosco, Director, DeKUT Siemens Cent
- Rafik Feki, Industrial Development Officer, UNIDO
- Sasa Simovic, Skill Competition Manager, WorldSkills International
- Prof. Dr. Tijani Bounahmidi, Vice-président, Université Euro-Méditerranéenne de Fès
- Thomas Rilke, CEO, Hannover Messe Academy

17:00 **Closing Remarks Day 1**

Dr. Dominic Gorecky, Chairman of the ISFS

17:15 *End of Day 1*

17:30 **Visit Swiss Cobotic Competence Center (S3C) (optional)**

Exclusive tour at one of the newly founded Advanced Manufacturing Technology Transfer Centers as official research center of national significance



19:00

Festive Dinner

Award ceremony of the "Swiss CxO Forum"

Restaurant La Péniche

Schlossstrasse 25, 2560 Nidau, Switzerland



Friday, 14th June 2024

Day 2 of the International Smart Factory Summit

Swiss CxO Forum Symposium 2024

- 09:00 **Welcoming Address by Swiss CxO Forum**
Dr. Milan Kumar, CIO, ZF Commercial Vehicles
Andrea Garanovscki, COO, ARX Resultados Exponenciales
- 09:10 **Opening Keynote "Visionary Perspectives: How I Reinvented Augmented Reality"**
Sebastian Beetschen, CEO & Co-Founder, Almer Technologies
Forbes 30 under 30
- 09:30 **Keynote "Beyond Automation: Harnessing the Power Of Virtual Twins For Industry Transformation"**
Christian Haltiner, Managing Director, Dassault Switzerland
- 09:50 **Keynote "Twin Transformation - the Co-existence of Digital and Sustainability Transformation"**
Martin Schiesser, Senior Partner - Head Manufacturing Industries, Detecon
- 10:10 *Coffee break*
- 10:30 **Impulse "Empowering Passion and Talent at WorldSkills"**
Sasa Simovic, Skill Competition Manager, WorldSkills International
- 10:40 **Panel Discussion "Upskilling in the Digital Age"**
Moderator: Dr. Milan Kumar, CIO, ZF Commercial Vehicles
Introduction Speech: Alex Mejia, Division Director, United Nations Institute for Training and Research (UNITAR)
- Miguel Mendoza, CEO, ADS Data System
 - Priska Altorfer, CEO, Wikima4
 - Ricardo Santucci, ex-Chief Digital Officer (CDO), Audi do Brazil
 - Thomas Zürcher, CEO & Founder, MyLiveZone
 - Raluca Voicu, Global Head of Business Development, BAUMANN Group
 - Dr. Oscar Lazaro, Managing Director, Innovalia Association

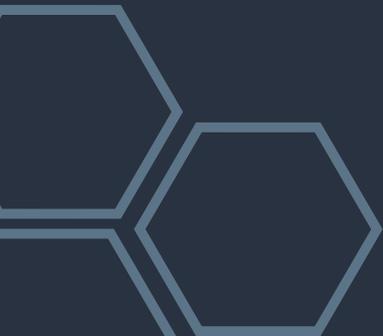
- 11:20 **Impulse "Empowering Industry 4.0 – Case Story"**
Vasilis Karamalegos, CEO & Co-Founder, SmarterChains
- 11:40 **Parallel Working Session "Next Level Economic Support"**
Moderator: Dr. Mathias Schmitt, Managing Director, SF-Digital
- **Working Session A** Start-Ups
 - **Working Session B** Small & Medium Enterprises
- 12:20 **Closing Keynote "Biodiversity Meets Smart Factory"**
Olivier Staehli, CEO and Founder, Synature
IUCN Leaders Forum Changemaker 2023
- 12:40 **Closing Remark**
Dr. Dominic Gorecky, Chairman ISFS
- 12:45 *Conference Lunch*
- 13:45 *Transfer to POSALUX SA*
- 14:00 **Company Visit of the Posalux Production Site**
Fritz-Oppliger-Strasse 18, 2504 Biel
- Posalux is a Swiss company specializing in micro-machining with a focus on highly demanding markets in need of high-tech equipment. Leading solution provider in micro technologies for mass production. Posalux concentrates on niche markets in different industries. They develop jointly with their customers innovative solutions we want to multiply. Their standardized machines can be adapted to customer-specific requirements. Their reliable technology assures 24/7 operating hours. Their worldwide presence assures fast reaction time also for after-sales service. Committed to ethical business behavior with all the partners, suppliers, customers, and other stakeholders they foster a working climate of trust and responsibility.*
- 16:15 *Transfer to SIPBB*
- 16:30 End of the event and farewell





OUR

SPEAKERS





Dominic Gorecky

Dominic Gorecky, a partner and executive board member at Switzerland Innovation Park Biel/Bienne AG, is a driving force in the world of Industry 4.0. His multifaceted roles paint a vivid picture of his impact:

The Pioneer of Swiss Smart Factory: Dominic co-founded and now leads the Swiss Smart Factory, Switzerland's premier test and demonstration platform for Industry 4.0. Here, innovation thrives, and industry players collaborate to push boundaries.

Educator and Visionary: He founded the International Smart Factory Academy (IFSA), equipping professionals with the skills needed for the smart manufacturing revolution. He shares his expertise by teaching various technology topics, including digital twins, Cobotics, and IIoT in manufacturing.

Championing Collaborative Robotics: As the President of the Swiss Cobotics Competence Center (S3C), Dominic spearheads with other experts the national hub where experts from industry and academia jointly develop and test cutting-edge cobotic solutions.

A Global Perspective: Before his Swiss endeavours, Dominic served as the head of research at the Innovative Factory Systems department within the German Research Center for Artificial Intelligence (DFKI) in Kaiserslautern. His role extended to coordinating R&D efforts for the living lab SmartFactoryKL. He also supported the design and operation of Smart Factory hubs around the globe, including the Malaysia Smart Factory 4.0 in Selangor, Malaysia.

Impact Beyond Borders: Dominic actively contributor to global manufacturing community, e.g. contributing to the Swiss Academy of Engineering Sciences (SATW), World Economic Forum (WEF) and EIT Manufacturing.

Nurturing Start-ups: An entrepreneur at heart, Dominic advises and supports start-ups in the exciting landscape of Industry 4.0.

Researcher and Industry 4.0 Advocate: Dominic has an impressive track record, having authored over 40 publications. His work actively contributes to the early emergence of Industry 4.0 in Germany. His Ph.D. research delved into the application of semantic technologies within the context of digital factories.

Digital Shaper Recognition: In 2022, Dominic received well-deserved recognition as a Digital Shaper in Switzerland.



Dr. Milan Kumar

Dr. Milan Kumar has a wealth of experience as a Global Chief Digital and Information Officer (CDIO) and a distinguished figure in the field of global technology, renowned as a TEDx speaker, educator, international author of CIO Series, startups mentor.

He currently serves as the Chief Information Officer (CIO) of ZF Commercial Vehicles (CVS) based in Switzerland.

Dr. Kumar is a former Global Chief Information Officer (CIO) and Chief Digital Officer (CDO) with WABCO (NYSE: WBC). Before this, he has held several Senior Global IT leadership positions within the VOLKSWAGEN Group, including as Director and Board Member of VOLKSWAGEN IT Services IPL and CIO/ COO of the VW ITS.

Throughout his career, Dr. Kumar had supported Fortune 500 companies, such as BMW Group, General Motors, British Airways, Reliance etc.



Prof. Dr. David Romero

Prof. Dr. David Romero is a Professor of Advanced Manufacturing at the Departments of Industrial Engineering and Mechatronics of the Tecnológico de Monterrey University in Mexico and the Scientific Vice-chairman for the World Manufacturing Foundation. His research interests include: Circular Manufacturing, Service Engineering and Product-Service Systems, Cyber-Physical Systems and Human Systems, Advanced Production Management Systems, Green Virtual Enterprises, and Technology and Engineering Management in the context of the Fourth Industrial Revolution.

He is a member of the Society of Collaborative Networks, the IFAC TC5.3 on Enterprise Integration and Networking, the IFIP WG5.7 on Advances in Production Management Systems, the IFIP WG5.12 on Architectures for Enterprise Integration, the IEEE Technology and Engineering Management Society, and the IEEE Internet of Things Community. Furthermore, he is an Agenda Contributor at the World Economic Forum (WEF) Council on "Shaping the Future of Advanced Manufacturing and Value Chains", and a World Manufacturing Forum (WMF) Ambassador.

He has published more than 200 journal and international conference articles. He serves on different technical and scientific committees and advisory boards in academia, industry, and government in the disciplines of business and industrial engineering. Nowadays, he is focused on promoting the concepts of the "Operator 4.0/5.0" and "Digital Lean Manufacturing"; the father of both terms.



Dr. Johannes be Isa

Johannes be Isa is a dedicated engineer who combines entrepreneurship and a scientific spirit. He is co-founder and managing director of the spin-off INOYAD Technologies, founded in 2019. The software company operates globally, developing and integrating innovative technologies for industrial companies and thereby contributing to more efficient production sites. The company also supports industrial companies in the training and development of employees in the context of Lean and Digital Manufacturing by designing and setting up innovation labs and simulations, including its own Smart Learning Factory solution.

Prior to this, Johannes be Isa worked for the Fraunhofer-Gesellschaft and headed multiple applied research projects in the production alliance for intelligent and resource-efficient production. He has already supported companies such as Bosch, Siemens and Volkswagen Group in their digital transformation and in setting up their smart factories. Through his work, he has already gained international project experience in Europe, Middle East and Asia-Pacific. He received the Ph.D. degree for his work on dynamic production networks from Technical University of Munich, Germany.



Andrea Garanovski

Andrea Garanovski, is PMP, PRINCE2, SCRUM Master and Salesforce Marketing Cloud certified, speaker, entrepreneur and marketing specialist with a focus on innovation and emerging technologies such as Artificial Intelligence.

With international experience living in Australia, she has worked in large organizations such as Telefónica Brasil, Volkswagen and Johnson & Johnson, specializing in marketing strategy, digitalization, data management and agile projects.

She is a teacher in PMP certification programs and Applied Mathematics and Statistics courses and, in addition, works in voluntary actions in the socio-economic development of communities in Brazil, focusing on innovation by holding hackthons and developing entrepreneurial skills.

Andrea is the co-founder of ARX Resultados Exponenciais – a business and career transformation company, Advisory Board Member of the Swiss CxO Forum and is an amateur mountaineer and ultratrail runner.



Prof. Dr.-Ing. Mbang Sama

Prof. Dr.-Ing. Mbang is with over 25 years of cumulative industry experience and has been responsible for several Digitalization teams and projects along the product creation process (R&D, IT, production planning, manufacturing and Quality management) at Mercedes-Benz.

He is also lecturer in Digital engineering and Industry 4.0 at the Karlsruhe Institute of Technology (Germany) and Technical Institute in Sofia (Bulgaria).

He is expert in industry 4.0, Smart factory, Manufacturing & Digital engineering, digitalization technologies (Big Data, AI, IoT, VR/AR, etc.) and their applications such as Robotics, Digital Twin, Agile Production, MES, etc.

He is founding promoter of the NGO "Digital-Transformation Alliance", which goal is to accelerate the transformation and industrialization in Africa through fast adoption of digital technologies for an inclusive and sustainable digital economy.

Additionally, he is founder and lead of InnoTechLab, a technology innovation development, incubation and vocational training Center for industrialisation and smart manufacturing.

He is one of the co-founders of the new initiative AISMA (Alliance for Industry 4.0 and Smart Manufacturing for Africa), driven by UNIDO and other international Experts.

As a Game Changer, Prof. Mbang is a passionate Coach in the area of digital leadership, digital transformation and agile organization forms covering agile mindset and agile working methods.



Anas ROCHDI

Anas ROCHDI, Engineer, Physicist from the Federal Polytechnic School of Lausanne After 5 years of experience in the Swiss high-tech industry and start ups, he returned to Tunisia in 2014 and joined the Sousse Technoparc as the mechatronics cluster manager, he then managed Manager strategic program from Novation City (AI Excellence center, Smart Factory) . He pursues the dream of contributing, raising Tunisia in to the ranks of the most innovators.



Ricardo Santucci

Ricardo Santucci, is CPIM and SCRUM Master certified, entrepreneur, speaker and professional with extensive experience in business transformation, digitalization and innovation strategy, new technologies, data-driven culture and international agile projects.

With international experience at Volkswagen AG, he worked at Audi, Volkswagen, Robert Bosch and other companies in the automotive, pharmaceutical, mining and consumer goods segments, for example.

He shares his knowledge and experiences teaching at Brazilian universities such as UNICAMP and open professional upskilling courses. Besides, he works as a volunteer in socio-economic development projects, focusing on entrepreneurial skills and applied technology.

Ricardo is co-founder of ARX Resultados Exponenciais - a business and career transformation company, Advisory Board Member of the Swiss CxO Forum and is an amateur mountaineer and ultratrail runner.



Nikos Kyriakoulis

Nikos is a Production and Management Engineer and has a PhD in Robotic Vision Systems. Since 2014 he has been working on the adoption of Industry4.0 and how these technologies can be applied in the factories seamlessly and effectively, participating in more than 70 EU funded projects. He has collaborated with more than 150 top organisations and manufacturers succeeding more than €80Million of funding for innovative Industry4.0 solutions. His vision is to make innovation easy for individuals and organisations by providing access to infrastructure, funding, data, network, experts, and live demonstrations so that they meet their true potentials. In 2016 Nikos co-founded CORE Innovation aiming at providing this opportunity to people and in 2020 co-founded CORE Innovation Center having succeeded more than €20M of funding. Now, he is working to build the Greek Smart

Factory, a trusted platform to test and demo new technologies by joining with Academia, Tech providers, and industry.



Christian Haltiner

Christian Haltiner joined Dassault Systèmes in August 2016 in the role as Managing Director for our strategic market Switzerland. He is a member of the executive board of Dassault Systèmes EuroCentral.

Christian Haltiner has more than 20 years of experience in the IT sector and has a profound understanding of sale methodologies and partner management. After successful years as sales director at global market leaders like Canon or Microsoft, he joined the executive board of Rotring Data AG, where he got a deep understanding of modern innovation platforms, process optimization and manufacturing. These days he focuses on the topics of "virtual twin" and digital continuity across all industries.



Sasa Simovic

Sasa Simovic is a distinguished Electronics and IT Engineer with an extensive 29-year career marked by expertise across various domains. His proficiency includes automation with specialties in PLC programming and Field Bus technologies, IT solutions encompassing database management, software development, and web programming, as well as telecommunications expertise in radio and television technologies.

Having spent nearly two decades at Festo, Sasa's industry experience is robust and varied. He has further solidified his reputation as a leader in his field through his roles as Skill Competition Manager for the Skill48 "Industry 4.0" at WorldSkills International since 2019 and Chief Expert for the same skill at WorldSkills Europe since 2018. Additionally, he served as the National Expert for Team Germany for the Skill "Industry 4.0".

Sasa's influence extends beyond boundaries as he has provided consultancy for establishing regional and national "Industry 4.0" competitions in numerous countries across continents. His contributions extend to curriculum development for technician/engineers in "Industry 4.0" and he is an esteemed member of UNIDO's AISMA.



Isabelle Berthold

Isabelle Berthold has a Business Administration background and has 15 years of experience as a Senior Project Manager at Bern Economic Development Agency. The official state agency supporting companies from start-up to multinationals by offering targeted, tailor-made support and advice for existing and new Swiss and foreign businesses. Our goals are successful companies and a strong economic environment in the Canton of Bern.



Puja Varsha

Puja Varsha is a Global Leader and has a wealth of experience in People, Process and Technology with core focus on Data, AI, GenAI. She currently serves as the "Chief Digital Officer (CDO) of DataFactory, headquartered in Switzerland. Additionally she is "Advisory Board Member" at Swiss CxO Forum (SCF)

With a distinguished career trajectory in technology leadership positions across esteemed Fortune 500 organizations like IBM, Tata Communication, Techmahindra and Conga, she has cultivated a deep expertise in People strategy, leveraging digital technologies to elevate customer experiences, streamline operations, and stimulate innovation.

An "alumna" of prestigious "Harvard University" completing Senior Leadership Program (SELPI). Her commitment to continuous learning is evident through her completion of the "Designing Artificial Intelligence Products" program at "MIT" executive program. Her passion for Data led her pursuing "PhD" in the area of "Artificial Intelligence" from Switzerland.

She is a distinguished Scientist with 10 Patents in Design, Innovation. She is also a visiting professor for Data and AI at SRM University. She is the recipient of the prestigious "Digital Transformation Leader" award from Swiss CxO Forum in 2023.

Puja remains at the forefront of digital innovation, drawing on her wealth of experience to guide organizations through the intricacies of the digital landscape, ensuring sustainable growth in today's ever-evolving business environment..



Rafik FEKI

Mr. Feki is an Industrial Development Officer with a demonstrated history in supporting business ecosystem, enterprise modernization and innovation, I4.0 and digital transformation, quality infrastructure, Aid for Trade.

He joined the United Nations Industrial development organization (UNIDO) in 2007 where he formulated, raised financing and implemented several projects in the Middle East, Southeast Asia, North and Sub-Saharan Africa in different topics related to industrial development and digital transformation.

Among others, he's leading the Initiative related to the Alliance for I4.0 and Smart Manufacturing in Africa (AISMA) and overseeing several Programmes supporting the establishment of smart factories in Morocco, Tunisia, Saudi Arabia,

Cote d'Ivoire, etc.

Before joining UNIDO, he was a project manager for the German Technical Cooperation (GIZ), supporting the implementation of a project in the area of SMEs upgrading and enhancement of local competitiveness.



Raluca Voicu

Raluca Voicu is a driven business leader with almost 15 years international experience in strategy, business development, M&A, digital transformation and sustainability. Successfully managed cross-functional teams during implementation of global transformation programs. C-Level sparring partner, customer focused, fast learner and able to communicate effectively at all levels of the organization. Comfortable with change and development, able to inspire, build and shape high performance teams and provide a high level of leadership.

In her current role, as Head of Business Development & Transformation at the Baumann Group, Raluca was responsible for the division's strategy definition and execution for all AUT & IND operations globally. Beginning of June 2024, Raluca will start a new role with TE Connectivity acting as Director M&A and Business Development for the Business Unit Industrial Commercial Transportation.



René Ronchetti

René Ronchetti (CEO) joined Posalux in May 2023. Previously, he held managing director positions in various industrial companies in Switzerland and France. Before his management career he worked gained experience as software engineer and project manager. He has a broad experience in machine building, project management and international business. René holds a degree in computer science and an MBA.



Professor Duck Young Kim

Professor Duck Young Kim is a full professor with the Department of Industrial and Management Engineering, Pohang University of Science and Technology (POSTECH), South Korea. He received the B.S. and M.S. degrees in Industrial Engineering from POSTECH and the Ph.D. degree from the Department of Mechanical Engineering, École Polytechnique Fédérale de Lausanne, Switzerland, in 2006. He has solid industrial and academic experience as a Research Fellow with the DAEWOO Institute for Advanced Engineering, Yongin, South Korea, Warwick Manufacturing Group, Coventry, U.K., and the Swiss Federal Institute of Technology, Zurich, Switzerland. He is currently a vice-president of the Society for Computational Design and Engineering, an associate editor of Journal of Intelligent Manufacturing, and the director of the POSTECH-APPLE Manufacturing R&D Accelerator. His current research interests include industrial AI and autonomous manufacturing systems for the factories of the future.



Ricardo Felizzola

Ricardo Felizzola graduated in Electronic Engineering and in the Masters degree in Computer Science from the Federal University of Rio Grande do Sul (UFRGS), in Brazil, where he was a professor for ten years. Founder of Altus Automação SA, a company with 42-year-old and a leader in PLC technology in Latin America with products in the main industries of that region, mainly in oil and gas applications (Petrobras) and in the generation sector by hydroelectric plants. The company operates outside Brazil and develops applications for Industry solutions with a level 4.0 reference. Ricardo also founded other two companies in Brazil, Teikon Tecnologia Eletrônica, dedicated to contract manufacturer activity, and HT Micron in the area of semiconductor encapsulation. At the moment his main activity is to expand Altus's business globally through partnerships and the development of sales and support offices.



Rishin Kar

As the CEO of Essence Transmedia since 2015, Rishin Kar has been at the forefront of revolutionizing corporate events through his innovative approach and strategic vision. Under his leadership, Essence Transmedia has excelled in creating immersive and impactful experiences tailored to the unique needs of corporate clients. Rishin's expertise in blending creativity with meticulous planning has resulted in a portfolio of successful events that enhance brand engagement and leave lasting impressions on attendees. His ability to understand and anticipate client needs has allowed Essence Transmedia to deliver bespoke solutions that align with corporate goals, fostering meaningful connections and driving business success.

Prior to his role at Essence Transmedia, Rishin gained valuable experience at Tata AIA Life Insurance and Bharti AXA Life Insurance, where he honed his skills in corporate strategy and client management. At Tata AIA Life Insurance, he contributed to enhancing client engagement through experiential marketing initiatives, significantly improving customer relations. At Bharti AXA Life Insurance, he implemented innovative solutions to boost customer satisfaction and retention, demonstrating his adeptness at elevating the overall customer experience. Rishin's diverse background in both the insurance sector and event services has equipped him with a unique perspective, enabling him to lead Essence Transmedia with a comprehensive understanding of corporate dynamics and client expectations.



Prof. Jean Bosco Byiringiro

Prof. Jean Bosco Byiringiro is a University Professor, Co-Founder Director, African Virtual Mechatronics Services Ltd (ViMS) and Siemens Mechatronics Certification Centre at Dedan Kimathi University of Technology (DeKUT), Kenya. He is also Co-Founder Expert, Alliance for Industry 4.0 and Smart Manufacturing in Africa (AISMA) under United Nations Industrial Development Organization (UNIDO) initiative and Representative of African Organization for Standardization (ARSO) in Africa Steering Committee of Industrie 4.0 and lead the discussion under the 4th Industry revolution (4IR) strategies. Prof. Byiringiro is a Registered Professional Engineers by Engineers Board of Kenya (EBK) and Mechatronics Systems Professional by Siemens AG, Germany. He is currently a visiting professor at University Bourgogne Franché Comté (UBFC), National Polytechnic Institute of Toulouse (INPT), University of Technology Tarbes Occitanie Pyrénées (UTOPP)-France,

He holds a Ph.D. in Mechanical Engineering from Yeungnam University, South Korea, along with an MSc in Mechatronic Engineering from Jomo Kenya University of Agriculture and Technology, Kenya,



Raimund Klein

Raimund Klein is the Founder and CEO of the International Centre for Industrial Transformation (INCIT), an independent institution focused on ESG issues and promoting global manufacturing transformation. With nearly four decades of expertise in business strategy, sales, and marketing, Raimund is a proponent of manufacturing digitalization, advocating for its essential role in future success. He champions collaboration between public and private sectors to drive industrial change across various regions and sectors. Raimund guides the development of frameworks and tools like the Smart Industry Readiness Index (SIRI) and the Consumer Sustainability Industry Readiness Index (COSIRI), aiding manufacturers and organizations in enhancing their transformation journeys and sustainability practices. Under his leadership, INCIT has formed strategic partnerships with entities worldwide, including significant initiatives in Saudi Arabia, the Philippines and Selangor to promote Industry 4.0 and sustainability. Previously, he led Digital Industries ASEAN at Siemens, focusing on new business models in digitalization and automation. Agriculture and Technology, Kenya.



Olivier Staehli

Olivier Staehli is the co-founder and CEO of Synature, a startup leveraging ecoacoustics for biodiversity assessment. With degrees in computer science and management of technologies from the University of Bern and EPFL in Switzerland, Olivier has blended his tech and business expertise with a lifelong passion for wildlife conservation. Through his work at Synature he was named a IUCN Changemaker in 2023. Synature's smart microphones provide real-time data about animal vocalisations that are analysed by signal processing and AI algorithms. The aim is to make biodiversity measurable and quantifiable such that it can be factored into the decision process of organisations. Backed by grants and partnerships from EPFL, ETH and Innosuisse the team conducted field trials over three years refining their technology.



Alex Mejia

Director, Division of People and Social Inclusion, Head, CIFAL Global Network, UNITAR. Mr. Alexander Mejia has been a senior international civil servant at the United Nations Institute for Training and Research (UNITAR) since 2004. He currently serves as the Director of UNITAR's Division for People and Social Inclusion in Geneva. He has previously held positions as the Director of UNITAR's Hiroshima Office in Japan and the CIFAL training centre in Atlanta, USA. Additionally, Mr. Mejia oversees UNITAR's global network of CIFAL training centres and is responsible for the Nigeria Project Office. With a career spanning three decades, Mr. Mejia has worked in private and public organisations. He started in corporate banking in Latin America and later joined Ecuador's foreign service as a diplomat. He served as Vice Minister of Economy for Ecuador and represented the country in various international institutions. Mr. Mejia holds master's degrees in international relations and business administration, as well as a bachelor's degree in agronomy. He is a recipient of Ecuador's highest decoration, the National Order of Merit.



Dr. Ibrahim AlShunaifi

Dr. Ibrahim AlShunaifi was born in Saudi Arabia. He is lead project, Centre for the Fourth Industrial Revolution Saudi Arabia (C4IR Saudi Arabia), a World Economic Forum Affiliate Centre, which supports the Kingdom's "Vision 2030" by being a platform for public private, multi-stakeholder collaboration to maximize technological benefits to society and minimize the risks associated with 4IR technologies in the Kingdom. Dr. Ibrahim has deep expertise in the digital transformation field. He was the director of Technical Transfer Office (TTO) at the Innovation Center of Industry 4.0 at KACST. Dr. AlShunaifi also is a Certified SIRI Assessor. Also, he is leading the lighthouses initiative at C4IR- Saudi Arabia. Dr. Ibrahim research interests encompass a diverse range of fields, including thermal plasma and waste treatment, external combustion, and Industry 4.0. He has made significant contributions to these areas through a multitude of publications, patents, and industrial designs. His work in thermal plasma and waste treatment explores innovative methods for sustainable waste management and environmental remediation using thermal plasma technologies. In the realm of external combustion, Dr. AlShunaifi's research focuses on enhancing the efficiency and performance of external combustion engines and power generation systems. Furthermore, his involvement in Industry 4.0 highlights his dedication to advancing digital transformation in manufacturing and industrial processes through cutting-edge technologies and innovative solutions.

Dr. AlShunaifi's extensive publication record, patents, and industrial designs underscore his expertise and contributions to these fields. Prior to KACST, served in the Royal Saudi Navy Forces where he was a senior Engineer at Engineering Research Directorate. In addition to his academic pursuits, Dr. Alshunaifi served as a diplomatic agent at the Embassy of Saudi Arabia in France from 2003 to 2011. During his tenure in this role, he played a crucial role in fostering diplomatic relations between Saudi Arabia and France. His responsibilities included representing the interests of the Saudi government, facilitating diplomatic communication, cooperation, and contributing to various diplomatic initiatives and activities. Dr. AlShunaifi's diplomatic experience further enriches his professional background and underscores his versatility and ability to navigate diverse environments and responsibilities. Dr. Ibrahim participated effectively in building some strategies related to National program and Vision 2030 in Saudi Arabia. He is also a member of the Saudi Combustion Institute. Dr. AlShunaifi has been a mentor for many individuals across diverse cultural backgrounds. He is currently an Associate Research Professor since 2014 at King Abdulaziz City for Science & Technology (KACST)-Saudi Arabia. Dr. Ibrahim holds a PhD in Energy from Paris Ovest Nanterre La Défense University (Paris X)-France in 2011 working on experimental characterization of turbulent mixing. He obtained his MSc in Naval architect from Ecole Nationale ENSIETA in 1998 focusing on hydrodynamics. Dr. AlShunaifi obtained his BSc in Mechanical Engineering in 1995 from l'université de Bretagne-Occidentale-France.



Dr. Oscar Lazaro

Dr. Oscar Lazaro is Managing Director of Innovalia. He is representative of Innovalia in EFFRA, GAIA-X and BDVA. He leads the WEF Advanced Manufacturing HUB (AMHUB) and IDSA Hub efforts in Spain. He is board member of the BAIDATA Association and is actively engaged with the Data Space Support Centre (DSSC) activities as leader of the Data Space 4.0 and SM4RTENANCE initiatives for pan European deployment of Data Space in Manufacturing. He is leading with the European Commission the Thematic Working Group on Data in Manufacturing as part of the European DIH Network supporting SME digital transformation. He is one of the founding members of the International Manufacturing-X Council.

The Innovalia Group is a Spanish group of high-tech SMEs with headquarters in Bilbao. Innovalia has two divisions Innovalia Digital (CARSA, SQS, CBT, Eneo), and Innovalia Metrology (TRIMEK, Unimetrik, Datapixel). Innovalia provides technology-based product in the areas of smart city/ tourism and industry 4.0. Innovalia Digital provides consultancy services on strategic digital transformation, Digital Innovation Hubs and Innovation policy development. Innovalia is one of the pioneering Groups actively contributing the development and adoption of data space technologies in a large number of sectors in Spain and across Europe.



Martin Schiesser

Martin is Senior Partner for Manufacturing Industries at Detecon, the Management Consulting Subsidiary of T-System. Martin brings over 30 years' experience in leadership and digital transformation in the manufacturing industries driving innovation, operational excellence and growth in global multinational companies. Currently he is strongly engaged into future factory transformations and digital innovation towards the industrial metaverse.



Kyriakos Triantafyllidis

Kyriakos Triantafyllidis is the Head of Growth and Strategy, Centre for Advanced Manufacturing and Supply Chains at the World Economic Forum in Geneva, Switzerland. Under his remit, Kyriakos is helping global leaders anticipate how advanced manufacturing technologies and the reconfiguration of supply chains are transforming factories, business models and industrial policies. Prior to his current role, Kyriakos was Head of Partner Development, leading the team responsible for developing new Partnerships between the World Economic Forum and large corporations.

Before joining the Forum, Kyriakos worked in Paris as a strategy consultant for PricewaterhouseCoopers and for Advention Business Partners, advising large multinational companies on growth opportunities. Kyriakos received a bachelor's degree in Operational Research and Marketing from the Athens University of Economics and Business and holds an MBA from HEC Paris. Kyriakos is also an alumnus of the Global Leadership Fellows Program, an executive leadership development program, run by the World Economic Forum in partnership with Columbia University, the Wharton School, INSEAD, CEIBS and the London Business School.



Ciyong Zou

The Directorate of Technical Cooperation and Sustainable Industrial Development oversees the Organization's normative contribution to the Sustainable Development Goals, in addition to supporting and advancing the application of strategies and interventions for sustainable industrial development in the environment, energy, and SME areas. Advancing competitiveness and job creation are also key impact dimensions for the Directorate, in addition to the advancement of digitalization and artificial intelligence. Mr Zou is also the Director General's Special Representative for the G77 and China.

At UNIDO since 2013, Zou is the architect of UNIDO's Program for Country Partnership, and has guided the Organization's field and strategic engagements.

Before joining UNIDO, he performed multiple roles, including as Deputy Director General of International Department at the Chinese Ministry of Finance, Alternate to the Chinese Executive Director at the World Bank, and Global Environmental Facility Operational Focal Point for China. Zou holds a Ph.D. in Economics from China's Ministry of Finance Graduate School, Research Institute for Fiscal Science.



Miguel Mendoza

Mr Miguel Mendoza is involved in the implementation of companies in the world of Industry 4.0 in Mexico. He is the founder and CEO of Automated Data Systems in Mexico and Laredo Quality Tools in USA, companies that started in 1983. Implementing and delivering solutions for the industry in the areas Statistical Process Control SPC, PFMEA, Traceability, MSA and integral systems for Automotive Industry and Food Industry. He is the co-author of the book, "Is the New Industrial Revolution in Favor of the Human Being?" that was published in 2021. He owns a patent for measuring the hermeticity of packaging of sealed bags for food industry. He developed a program DIAL, for implementing Industry 4.0 in the industry, with a program named a Green Belt 4.0.

He got the Award of Swiss **CXO Forum 2023**. He has been speaker at several Forums and Conferences during the past 40 years. Actually, he is the President of the National Council for Mechanical Engineering from Monterrey Tech. He is also member of the Industry Advisory Board of the University of the Incarnate Word in San Antonio Texas, USA. He got a degree as Mechanical and Administrative Engineer at Monterrey Tech in 1979, a Master Degree in Mechanical Engineering from University of Wisconsin at Madison, USA. Has a formation degree AD2 at the IPADE in 1988, Instituto Panamericano de Alta Direccion Empresarial.



Priska Altorfer

Priska is a thoroughbred entrepreneur in the IT sector. She is a founder of wikima4 leads the company as managing partner for more than 20 years. wikima4 implements Data Access Governance Systems for its global customers in various industries with inhouse-developed Security-Software and hands-on implementation of risk-, compliance- and license optimization-processes. Priska's major competencies are the analysis, development and set-up of operational Risk Management- and IT-Governance-Systems. She used to be a lecturer at the HWV Lucerne (CH) for Enterprise Resource Planning Systems and Compliance (CAS-ERP)

Before her IT-career she worked as a commodity trader globally, living in various countries on different continents. She is fluent in English, French, Spanish, Portugues and German.

Priska Altorfer is Advisory Board Member of the Swiss CxO Forum. She is also member of the executive boards of various Swiss and European association, such as «DiversIT Charter of CEPIS, Brussels», «Swiss Informatics Society», «Donna Informatica», «woman@DSAG, (German speaking SAP user organisation) », «Verband Working Moms, Schweiz», «International Certificate of Digital Literacy Foundation (ICDL), Switzerland».



Tijani Bounahmidi

Tijani BOUNAHMIDI is a Chemical Engineer, in 1977, from the Mohammadia School of Engineers in Rabat. In 1983, he got a Ph.D. in Applied Sciences from the Luik University, in Process Systems Engineering with a thesis on "Real time computer-assisted process engineering".

Since June 2013, he has worked at the Euro-Mediterranean University of Fez as a professor and vice president. He is notably developing a research program on renewable energy, energy efficiency, desalination, green hydrogen and digital twin applications for smart manufacturing. He is currently vice-president of "Innovation and Entrepreneurship" in charge of the Fez Smart Factory Ecosystem for Industry 4.0 innovation.

From 1983 to 2019, he taught and developed research activities at the Mohammadia School of Engineers "Process Systems Engineering". He contributed to several dozen of publications in indexed international journals and holds a patent.

He has carried out several contractual research projects for the benefit of manufacturers, particularly for the sugar industry and phosphate processing sectors. He has carried out several expert missions on behalf of UNIDO, ISESCO, CRAT, CID, CMPP, AGA-Ingénierie, and ISERF.

Prof. Bounahmidi has been a resident member of the Hassan 2 Academy of Sciences and Technology since 2014, after having been its corresponding member since 2006. In 2006, he received the 1st prize for innovation from the Moroccan Network for Technological Diffusion. He was vice-president of Mohammed V-Agdal-Rabat University from 2005 to 2010. He was the founder and director of the Technological Innovation Center from 2000 to 2006. He was a member of the national commission which developed the national research and innovation strategy for 2025 and the 2006-2010 action plan for the national research and innovation system.



Mohamed Taher Mouni

Eng Mohamed Taher MOUNI, is an industrial engineer with a background of Lean Six Sigma Black Belt. He held several positions as head of Performance and Industry 4.0 in Aerospace, Automotive and Pharma.

With a decade of experience in deploying IIOT for real time monitoring, digital transformation assessments and Cobots in several industries. He's also a founding expert of the Alliance for Industry 4.0 and Smart Manufacturing in Africa (AISMA), an initiative launched by UNIDO.



Thomas Zürcher

Thomas Zürcher has been a significant figure in Swiss higher vocational education from 2000 to 2017. He served as Vice Director at the Higher Technical College Biel from 2004 to 2012, and from 2012 to 2017, he was a member of the executive management and head of the Industrial Automation Department at the Higher Technical College Mittelland. Since 2011, he has been the CEO and founder of MyLiveZone AG. Thomas has also contributed to various cantonal and national working groups on higher vocational education, particularly in industrial automation. He holds a degree as an Electrical Engineer (El. Ing.) FH and a Master of Advanced Studies (MAS) in Educational Design from Bern University of Applied Sciences. Thomas focuses on applied research in knowledge transfer for industrial training and skilled labor management.



Sebastian Beetschen

Sebastian Beetschen is the CEO and co-founder of Almer Technologies, Europe's only compact augmented reality glasses manufacturer. Under his leadership, Almer has secured over \$7 million in funding and partnered with industry giants like Qualcomm and TeamViewer. Beetschen's expertise in mechanical engineering and computer vision stems from his studies at prestigious institutions like ETH Zürich and EPFL. Beetschen's entrepreneurial spirit and technical prowess position him as a pioneer in the AR industry, shaping the future of this exciting technology.

Dr Mathias Schmitt



Dr Mathias Schmitt is Managing Director of SF-Digital GmbH. As an entrepreneur, investor and management consultant, he accompanies technology start-ups in the founding and growth phase on the one hand, and on the other, he gives companies new impulses for the development of disruptive business models and the establishment of sustainable innovation cultures. Previously, he worked internationally as a management and strategy consultant of the Mercedes-Benz Group and was co-initiator and head of the Industry 4.0 Competence Centre of the German Federal Government . His research work at the German Research Centre for Artificial Intelligence shaped him significantly as an expert in digital transformation and artificial intelligence. He is active as a speaker and guest lecturer on the topics of entrepreneurship and business model innovation. In addition, as a coach he advises and accompanies people who are interested in founding a company in the early start-up phase. Dr Mathias Schmitt studied industrial engineering and holds a doctorate in mechanical engineering.

Venue: Switzerland Innovation Park Biel/Bienne,
Aarbergstrasse 46, 2503 Biel/Bienne, Switzerland

