



**UNIDO GENERAL
CONFERENCE 17**
27 NOVEMBER - 1 DECEMBER 2017, VIENNA

**PARTNERING FOR IMPACT
ACHIEVING THE SDGS** 

Industry 4.0



The opportunities behind the challenge

www.unido.org/gc17/industry40



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



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OBJECTIVE

The event aims at raising awareness on the impact of Industry 4.0 which will be wide and profound, reaching all economic sectors, disciplines, and economies, and posing multiple challenges that will be particularly difficult to meet in developing countries.

ABSTRACT

This event will discuss the Industry 4.0 paradigm and its implication for the realization of ISID. In this area, UNIDO plays a unique role as honest broker, providing knowledge sharing and policy advice and developing technical cooperation projects that address the specific needs of its Member States in relation to the new paradigm of Industry 4.0. The panelists will explore the various challenges and opportunities present in Industry 4.0 both for developed and developing countries and for different economic sectors. This event will pose and seek to answer a number of fundamental questions regarding the impacts of Industry 4.0 on the private sector, the role of governments, policy and strategies and international organizations in addressing the challenges and opportunities arising from Industry 4.0 for the three dimensions of sustainable development (economic, environmental and social).

FORMAT

The event will consist of two parts and will be moderated by Ms. Sarah Kelly, Anchor at Large at DW News. The event will be opened with welcome remarks from the UNIDO Director General and by Mr. Subhash Chandra Pandey, Additional Secretary and Financial Adviser in the Department of Industrial Policy and Promotion in the Ministry of Commerce and Industry of India.

- The first panel will introduce Industry 4.0 Solutions and business opportunities in different economic sectors.
- The second panel will focus on the role of governments and the international community in supporting policy, institutions and enterprises face the challenges of Industry 4.0

EXPECTED OUTCOMES

- Building awareness of Industry 4.0 solutions and its consequences for ISID and highlighting the importance of access to know-how, skills, education and technology.
- Informing governments on the importance of response and strategy, facing the challenges of Industry 4.0 in developed and developing countries
- Discuss the role of international organizations in harnessing the benefits of Industry 4.0 in developing countries.

DATE AND VENUE

The side event will take place on 29 November 2017 from 1 to 3:30 pm in Boardroom A, M-Building, second floor, UNIDO Headquarters, Vienna International Centre.





Moderator

Sarah Kelly

International Broadcaster

DW News



Sarah Kelly is the Anchor-at-Large at DW News (Deutsche Welle), Germany's global broadcaster. She hosts the main international news programme weekdays around the world. Previously, Sarah was an anchor and producer at Bloomberg Television in New York, where she covered business and financial markets, and interviewed economists, experts and executives across Fortune 500 companies.

Opening Remarks

LI Yong

Director General

UNIDO



LI Yong has had an extensive career as a senior economic and financial policymaker throughout which he has accorded great importance to fiscal and financial measures in favour of agricultural development and small and medium-sized enterprises, the cornerstones for creating economic opportunities, reducing poverty and promoting gender equality.

Subhash Chandra Pandey

Additional Secretary & Financial Adviser in DIPP

Ministry of Commerce and Industry of India

Dr. Subhash Chandra Pandey has over 34 years of distinguished public service to his credit covering public finance, budget and public expenditure management, government and public sector audit, Research & Development, Systems Development, Information Technology and Industrial Engineering and Industrial Development.



Keynote speakers (alphabetical order)

Stephen Ibaraki

Managing partner

REDDS Venture Investment Partners



With more than 100 top executive roles, a few of executive chairman and serial entrepreneur Stephen Ibaraki's positions include: co-chair [Practitioner Board](#) Association for Computing Machinery; founding chair [Global Industry Council](#) and vice-chair board [IP3 International Federation for Information Processing](#); top 5 blogger [IDG-IT World](#) (Canada); founding managing partner [REDDS](#) Venture Investment Partners; founder technology advisory board, Yintech Investment Holdings Ltd.; founding member Beyond Initiative (Audi AI Think Tank), founding chairman outreach [UN ITU "ICT Discovery" Journal](#); and many more. LinkedIn: <http://ca.linkedin.com/in/sibaraki>

Wilfried Sihm

CEO

Fraunhofer Austria Research GmbH



Professor Wilfried Sihm has been active in the field of applied research and consulting services for more than 25 years, and has been involved in over 300 industrial projects. His areas of expertise include production management, corporate organization and logistics, life-cycle management, modelling and simulation, and business process optimization.



Panelists (alphabetical order)



Hermann Aschentrupp Toledo

Ambassador, Deputy Chief of Mission

Embassy of Mexico and Permanent Mission to the International Organizations in Vienna

Ambassador Hermann Aschentrupp Toledo is a career diplomat of the Mexican Foreign Service. An Economist by education, he most recently worked as Deputy Director General for Bilateral Economic Relations at the Ministry of Foreign Affairs. Aschentrupp Toledo was also previously appointed to the Missions of Mexico to the European institutions in Brussels, to the OECD in Paris and to the UN Organizations in Geneva.



GAO Hongbing

President of AliResearch

Vice President of Alibaba Group

Gao Hongbing is a member of the council of the Centre for Informatization Study and a professor at the Zhejiang Provincial Party School and the China Executive Leadership Academy in Pudong. Gao has extensive experience in drafting informatization development strategies, internet regulations and policies. Prior to joining Alibaba, Gao served as a member of policy and strategic council of many companies, including of Huawei, Tencent, and Baidu.



David Harmon

Vice President for Global Public Affairs

Huawei

David Harmon is responsible for putting in place strategies within the ICT and digital agenda policy areas that enhance relations between Huawei Technologies and governments around the world.



Kurt Hofstaedter

Head of Industry CEE

Siemens AG Vienna

Kurt Hofstaedter is Siemens AG Austria's Head of Digital Factory Central Eastern Europe (CEE), which focuses particularly on Industry 4.0. During his career, Hofstaedter also worked in the development of processors and microprocessor control technology. Besides his role in Siemens, Hofstaedter is an Advisory Board member of Fraunhofer Austria Research GmbH and of the University of Applied Sciences Technikum Wien.



Szilárd Orovica

General Manager

KUKA Robotics Hungária Ipari Kft.

Szilárd Orovica has extensive experience in the fields of Industry 4.0, digitalization, advanced technologies and agile leadership. He is Member of the Board at German-Hungarian Chamber of Industry and Commerce in Budapest.



Peter Post

Vice President, Applied Research

Festo AG & Co. KG

Peter Post is currently responsible for applied research at Festo AG & Co. KG and has held several functions in research and development since joining the enterprise in 1989. He is an active member of several scientific networks and clusters in Europe for applied research in production and manufacturing.



Ann Rosenberg

Senior Vice President and Global Head

SAP Next-Gen

Ann Rosenberg drives innovation as Senior Vice President and Global Head of SAP Next-Gen, a purpose-driven innovation community connecting customers with academia, start-ups, accelerators, venture firms and experts from SAP and partners. SAP Next-Gen aims to reimagine the future of industries with SAP Leonardo and support the UN Global Goals.



Mikhail Rychev

Deputy Director – Special Representative

National Research Centre “Kurchatov Institute”

Mikhail Rychev worked on the creation of scientific-technological parks and innovation centers in several countries in Latin America, Eastern Europe and the CIS. He also worked as Deputy Head of the Federal Agency for Special Economic Zones Management prior to his appointment as Special Representative of Kurchatov Centre in European International Organizations.



Jouke Verlinden

Assistant Professor, Human-Centered Digital Fabrication

TU Delft

Jouke Verlinden has a background in interactive computer graphics and virtual reality. He worked in industry as interaction designer and project manager before returning to academia. Jouke Verlinden is working on 'Augmented Matter in Context': to enable embodied dialogues by bridging physical and digital boundaries.



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For further information, please contact:

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