

FUTURE STEEL FORUM

2017

14-15 JUNE • SHERATON WARSAW HOTEL • WARSAW

CONFERENCE PROGRAMME

REGISTER BY 28 FEBRUARY 2017
FOR SPECIAL EARLY BIRD RATES

Applying Industry 4.0 to the steel industry

What is Industry 4.0 and how can it assist the global steel industry in its quest for greater efficiencies? Two questions, among many others, that will be answered by the experts at the Future Steel Forum in Warsaw in June 2017.

The Future Steel Forum is a live discussion of the issues surrounding Industry 4.0 or 'smart manufacturing' and will endeavour to cover all bases, including the all-important subject of cyber security, the role of human beings in the factory of the future, how to survive a cyber attack and the all-important process safety and control.

Speakers from academia, the steel industry and the world of steel production technology will explain the key concepts behind the digitalisation of steel manufacturing. Myths will be exploded, ideas challenged and terminology explained.

See full details within this brochure and online at www.FutureSteelForum.com

STEELTIMES INTERNATIONAL

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Conference Programme

DAY ONE - WEDNESDAY 14TH JUNE

Matthew Moggridge



Registration

Welcome to Future Steel Forum

Matthew Moggridge, Editor, Steel Times International

Opening Address – Cognitive Value Chain – an Approach to Managing Digital Disruption in Steel

Manish Chawla, General Manager, IBM

Pinakin Chaubal



Keynote: Global Perspectives on Digital Manufacturing

Pinakin Chaubal, General Manager, ArcelorMittal Global R&D

INTRODUCTORY THEMES

Chair: *Jose Favilla, Director, Industry Solutions for Industrial Products, IBM*

Voestalpine – One Step Ahead in Digitising Processes in the Metals Industry

Dr. Michael Eder, Global Chief Digital Officer, Voestalpine, and Johann Reisinger, R&D Mechatronics Steel Division, Voestalpine

Dr. Michael Eder



Digital Transformation Initiatives in Mining & Metals – the Tata Steel Approach

Sarajit Jha, Chief of Digital Value Acceleration, Tata Steel

The Digital Revolution – The Human Factor and Inertia

Dr. Rizwan A Janjua, Head of Technology, World Steel Association (worldsteel)

Michael Bremicker



Industry 4.0 – Where does the Humble Human Being Fit in?

Michael Bremicker, Partner, Operations Consulting, KPMG AG

How Could Industry 4.0 Transform the Steel Industry?

Professor Harald Peters, VDEh-Betriebsforschungsinstitut GmbH

IT terminology – Defining the Concepts

Philippe Massonet, Scientific Co-ordinator and Stephane Mouton, Department Manager, CETIC (Research Centre on IT)

Mick Steeper



BUSINESS MODELS

Chair: *Mick Steeper, Chair, Iron & Steel Society, IoM3*

Ensure your Digital Plant Runs Perfectly – but also Benefits your Customers

Stefan Koch, Global Lead for Metals, SAP SE

How Industry 4.0 Can Save Steelmakers Money

Jane Zavalishina, CEO, Yandex Data Factory

Jane Zavalishina



Industry 4.0 – An Holistic Approach

Dr. Dirk Schaefer, Associate Professor of Design Engineering, University of Bath

Panel Discussion: New Business Models

Chair: *Luc Van Nerom, Head of Research & Development, PSI*

Dr. Dirk Schaefer



Panellists:

- *Dr. Michael Eder, Global Chief Digital Officer, Voestalpine*
- *Dr. Markus Reifferscheid, SMS group*
- *Yannick Leprêtre, Innovation Director, Fives*
- *Dr. Dirk Schaeffer, Associate Professor of Design Engineering, University of Bath*
- *Dirk A. Classens, Vice President, Industrial Products, IBM*
- *Mick Steeper, Chair, Iron & Steel Society, IoM3*

Conference Programme

DAY TWO - THURSDAY 15TH JUNE

Panel Discussion: Perspectives on Steel Manufacturing and Digitalisation

Chair: Dr. Rizwan A Janjua, Head of Technology, World Steel Association (worldsteel)

Panellists:

- Marco Ometto, Executive Vice President, Danieli Automation
- Jean Jouet, CEO, CMI Groupe
- Jane Zavalishina, CEO, Yandex Data Factory
- Kristiaan Van Teutum, Vice President, Strip Processing Lines, Fives
- Dr. Markus Reifferscheid, SMS group
- Kurt Herzog, Head of Department, Industrie 4.0, Primetals Technologies
- Jose Favilla, Director, Industry Solutions for Industrial Products, IBM

BUSINESS ORGANISATION

Chair: Luc Bongaerts, Business Development Manager, OM Partners, Belgium

Industry 4.0 and its Challenges for Flexible Production Planning

Wilfried Runde, Head of Production Planning Systems of EA Direct Business and EA Services, SMS group

Rolling into the Future of Digitalisation – Primetals Technologies' Long Rolling Control System

Paul Riches, Primetals Technologies USA

Industry 4.0 – from Equipment to Service. Keywords for the Future of Co-operation Between Automation and Steel Manufacturing

Marco Ometto, Executive Vice President, Danieli Automation

The Digital Unity – How Customers Benefit from a Production Management System

Kurt Herzog, Head of Department, Primetals Technologies Industrie 4.0

Fives and Bautou: A 10-year digital programme to develop a wide range of high added value automotive steels

Jean-Paul Nauzin, CEO, Fives KEODS

Industry 4.0 in Rolling Mills

Hans Peintinger, Managing Director, QuinLogic GmbH

Intelligent Control Systems: How to Upgrade Existing Operational Technologies

Daniel Sanchez, Sales Director, Russula

IT INFRASTRUCTURE

Chair: Dr. Dirk Schaefer, Associate Professor of Design Engineering, University of Bath

Optimising the Plants of the Future thanks to Smart Data & Services

Yannick Leprêtre, Innovation Director, Fives

Evaporating the Pyramid – Close Collaboration between Production Management and Process Automation

Luc Van Nerm, Head of Research & Development, PSI

ABB Metals' Ability in Digital. The Internet of Things, Services and People from an Industrial Automation Supplier

Andreas Vollmer, Global R&D Manager, ABB Metals

PLANT SAFETY AND SECURITY

Chair: Jose Favilla, Director, Industry Solutions for Industrial Products, IBM

Trustworthy Industrial Control Systems – How to Take Security Seriously

Professor Chris Hankin, Imperial College London

Cyber Security – a New Challenge for Production (Management)

Jörg Hackmann, Head of Products and Methodology, PSI

Intelligent Alarm Management in the Steel Industry

Sebastian Kopsan, Backend Developer, SMS Digital

Closing remarks: Matthew Moggridge, Editor, Steel Times International

*Programme is subject to change



Dr. Markus Reifferscheid



Wilfried Runde



Paul Riches



Dr. Dirk Schaefer



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2017

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14-15 June, Sheraton Warsaw Hotel, Poland

DELEGATE REGISTRATION RATES

The conference fee includes a 2-day conference programme, refreshments, a networking lunch and conference proceedings. Delegate registration fees for this conference are as follows:

Early-bird rate (up to 28 February 2017) £790

Standard rate £990

Register for your pass online now – www.FutureSteelForum.com

EXHIBITION

The Forum is also an ideal networking opportunity and chance to meet with a number of international suppliers. Small exhibition stands within the event have been booked by the following companies:

- AMI GE
- Automazioni Industriali Capitanio
- Badische Stahl-Engineering GmbH
- Endress+Hauser GmbH
- Fives
- IBM
- InfoSight Corporation
- Primetals Technologies/PSI
- Quinlogic GmbH
- Redex
- Russula
- SMS group GmbH
- TMEIC Corporation

Further details are available online at www.FutureSteelForum.com/exhibitors

ACCOMMODATION

The Future Steel Forum has secured preferential rates at the Sheraton Warsaw Hotel for attendees. Rooms will cost approximately £100/€115.

Visit www.FutureSteelForum.com for further details.



CONTACT US

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