

PTAK WARSAW EXPO, WARSAW INDUSTRY WEEK, JAGIELLONIAN UNIVERSITY EXTENSION | 9/11/2021

## Engineers of the future - education and development



During the debate on the education and development of employees for industry 4.0, we will define challenges, best practices in the area of improving the key competences of engineers and look for new directions of development. To see the bigger picture we have invited the voice of industry, employees as well as students, educational institutions and researchers. In the final part of the discussion, we will refer to the challenges and formulate conclusions regarding the desired development directions of the engineer education process for the needs of industry 4.0. The organizers of the debate are WARSAW INDUSTRY WEEK, PTAK WARSAW EXPO and the JAGIELLONIAN UNIVERSITY EXTENSION - WSZECHNICA UJ. The hosts will be Iwona Sołtysińska, director for development of the Jagiellonian University Extension and Andrzej Soldaty, founder and partner of the "Initiative for Polish Industry 4.0" project.

The invited guests, will represent:

- Warsaw University of Technology
- Rzeszów University of Technology
- Silesian University of Technology
- Jagiellonian University Extension - Wszechnica UJ
- Kaunas University of Technology,
- Military University of Technology
- Astor,
- Festo,
- Metalklaster
- Platform for Industry of the Future
- Universities of Technology Forum

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### PROGRAM

#### WELCOME ADDRESS

Dariusz Drąg, Warsaw Industry Week

KEY SPEAKER: Skills for Industry 4.0: Exploring emerging compacts of hard and soft skillset profiles, underlying gaps and questions

Takis Damaskopoulos | In4Act KTU CEO EIIR (FR)

#### I. INTRODUCTION

Industry 4.0 in Poland, competences of the future - where we are?

Iwona Sołtysińska | Jagiellonian University Extension - Wsztechnica UJ

Andrzej Soldaty | Initiative for Polish Industry 4.0

#### II. CHALLENGES

Adrian Korzeniowski | Universities of Technology Forum

Piotr Pałka | Warsaw University of Technology

Anna Sadowska | Kaunas University of Technology - School of Economics and Business

Krzysztof Głomb | Stowarzyszenie „Miasta w Internecie”

#### III. PRESENTATION OF THE BEST PRACTICES

Polish and international experiences in education and development of engineers of the future

Artur Aleksiejczuk | FESTO

Małgorzata Stoch | ASTOR

Andrzej Burghardt | Rzeszów University of Technology

Iwona Sołtysińska | Jagiellonian University Extension - Wsztechnica UJ

Jarosław Panasiuk | Military University of Technology

#### IV. SUMMARISING DISCUSSION

Janusz Poulakowski | Metalklaster

Katarzyna Nosalska | Platform for Industry of the Future, Department of Informative Society

Anna Timofiejczuk | Silesian University of Technology

Anna Sadowska | Kaunas University of Technology - School of Economics and Business