

Portfolio-MAGE Industry 4.0 program

08:30-08:55 Registration

Section I: Future technologies in the service of production efficiency

08:55 - 09:00 Welcoming and opening speech

Zoltán Bán, Chief Executive Officer, NET Media Zrt. (portfolio.hu) and Csaba Kilián, Executive Secretary General, Association of the Hungarian Automotive Industry (MAGE)

09:00 - 09:20 Artificial intelligence and robotisation in manufacturing technology

Speaker:

Steven Guggs Guggenheimer, Corporate Vice President, AI Business, Microsoft Corporation

09:20 - 09:40 Industry 4.0 from the top echelon

Speaker:

István Ács, a magyarországi Bosch csoport i4.0-ért felelős vezetője, ügyvezető igazgató, Bosch Rexroth Kft.

09:40 - 10:00 Technological development sources - financing of SMEs

Speaker: Representative of Hungarian Development Bank

Speaker:

Péter Bacsfay, Executive director, MFB - Magyar Fejlesztési Bank

**10:00 - 11:00 Panel discussion: How to do it? What to look out for when planning and implementing digital transition projects?
First-hand plans and experiences about the potential businesses see in industrial digitalisation solutions**

Moderator: **Csaba Kilián**, CEO, Association of the Hungarian Automotive Industry (MAGE)

Conversation participants:

Tamás Bara, Facility and Maintenance Manager, Valeo Auto-Electric Magyarország Kft.

Judit Hirschler, ügyvezető igazgató, Hirschler Glas Kft.

Balázs Hlács, Business development manager, Siemens Zrt.

István Molnár, Digital Factory Engineering Leader, Continental Automotive Hungary Kft., Budapest

Melinda Topolcsik, ügyvezető igazgató, Bridgestone Tatabánya Termelő Kft.

11:00 - 11:30 Coffee break

Section II: Industry 4.0 in practice - How far along everyone is and how are they doing it?

11:30 - 11:50 Investment into the digital future

Speaker:

József Török, Széchenyi István Szakkollégium Alapítvány elnöke, a HVCA egyéni tagja.

11:50 - 12:10 Digitalisation at AVENTICS Hungary Kft.

Speaker:

Ferenc Bolyki, ipari mérnökség vezető, AVENTICS Hungary Kft.

12:10 - 12:30 Industry4.0 through the practice of an SME

Speaker:

Márta Macher, elnök, Macher Gépészeti és Elektronikai Zrt.

12:30 - 12:50 Borsodi Műhely - The digital factory

Speaker:

Szabolcs Horváth, Strategic leader, Borsodi Műhely

12:50 - 13:10 Industry4.0 through the practice of Knorr-Bremse Rail Systems Budapest

Speaker:

Attila Bolla, Machined Parts Plant director, Knorr-Bremse Rail Systems Budapest

13:10 - 13:25 In 4.0th gear

Speaker:

Balázs Tordai, fejlesztési munkacsoport vezető, IVSZ

13:25 - 14:20 Lunch break

**Section III: Pilot projects from various sectors -
What does industrial digitalisation mean to them?**

14:20 - 14:35 Automatisation - the practical challenges of testing and implementation in wire and cable manufacturing

Speaker:

Dr. Péter Barkóczy, R&D Manager, FUX Zrt.

14:35 - 14:50 Industrial IoT, AR, factory and robot simulation - key technologies of Industry 4.0

Decisions based on facts instead of assumptions

Speaker:

Ferenc Nyirő, ipari digitalizáció üzletág vezető, S&T Consulting Hungary Kft.

14:50 - 15:05 Development of thermoplastic composites produced by automated technology for automotive industry

Speaker:

Dr. Péter Molnár, R&D Engineer, evopro systems engineering Kft., CEO, Ikarus Composite

15:05 - 16:00 Panel discussion: How is the "smartening" of production technologies present in other industries?

The various use scenarios of industrial digitalisation solutions

Moderator: **László Jónás**, Head of Business Development , Design Terminal

Conversation participants:

Károly Balogh, Owner, Managing Director, Karsol Kft.

Attila Bolla, Machined Parts Plant director, Knorr-Bremse Rail Systems Budapest

Csaba Fodor, Managing Director, Nyir-Gestum Kft.

Ádám Mokcsay, CTO, Aeriu

Dr. Ildikó Pata, Owner, Managing Director, Pata József Gépipari Kft.

Roland Pecsénye, Partner, Zelig Associates, Angel Investor, Barion