

SENSING FUTURE DAYS: IMA DIGITAL NATIVE

7 OCTOBER2020

CET

10:00

WELCOME TO THE SENSING FUTURE DAYS - IMA DIGITAL NATIVE

Ribbon-cutting

10:10

10:30

BOOST PRODUCTION RESULTS WITH THE **IMA CONNECTED MACHINES**

Riccardo Trevisan • *Project Engineer - Research & innovation - IMA Group*

Data is now a new source of knowledge. Interpreting and analyzing the information obtained from a connected plant allows you to monitor the life status of the individual components, plan-maintenance, keep track of activities and test virtual behaviors. Finding out how to connect the machines allows us to obtain numerous advantages: increase of OEE and other performances, failure forecast, preventive and predictive maintenance.

10:45

11:15

MONITOR PRODUCTION AND INCREASE EFFICIENCY WITH THE **IMA SENTINEL**

PTC EXPERIENCE: HOW TO CREATE DIGITAL VALUE



Martina Stefanon • *AMS Business Development Director for Service Innovation - IMA Group*

Paolo Delnevo • *Sales Vice President - PTC*

IMA Sentinel allows you to monitor and analyze machine conditions and efficiency on your own, 24/7, with all the relevant data at your disposal from anywhere, anytime, and from any device. Find out how this sentinel platform can help you to improve efficiency through an intelligent and dynamic action list, designed to facilitate operator work.

11:30

12:00

INCREASE YOUR RESULTS WITH THE **IMA CONTROL ROOM**

UNILEVER CASE STUDY: WHAT HAPPENS WHEN MACHINES ARE CONNECTED?

Martina Stefanon • *AMS Business Development Director for Service Innovation - IMA Group*

Riccardo Trevisan • *Project Engineer - Research & innovation - IMA Group*

The Control Room becomes a guardian of your machines, with a team of expert engineers constantly ready to solve your problems, 24/7. Discover more about the different service packages including specific automatic alerting and periodic reporting.

12:15

12:45

A4GATE, HARDWARE AND SOFTWARE SOLUTION TO PRESERVE DATA PRODUCTION AGAINST **CYBER-ATTACKS**



Caterina Castellani • *Project Manager - Applied, part of the IMA Group*

Pini Huber • *Vice President - Terafence*

How the IMA Group protects the confidentiality of information, system operations and safety of operators. A4GATE is the integrated hardware and software solution to counter any digital attack coming from outside the company.

12:45

14:00

DIGITAL LUNCH WITH MIT - THE BEST OF!

Brian Anthony • *Professor at MIT - Massachusetts Institute of Technology*

Re-watch Brian Anthony's speech from the previous editions of IMA Sensing Future Days. Let's find out more about the techniques of Machine Learning and the future of Digital Manufacturing.

14:00

14:20

SPEED UP THE PLANT DELIVERY WITH THE **IMA REMOTE FAT**

Gianluca Signorino • *Area Sales Manager - IMA Coffee Division*

Today digital technologies can allow for the removal of physical barriers to create new services and support production. Among these new possibilities, the Remote Factory Acceptance Test (Remote FAT) can actually be performed remotely. Let's have a look at the functionalities of the IMA Remote FAT in the coffee production environment.

14:35

15:05

MEET THE EXPERT

ARTIFICIAL INTELLIGENCE, BIG DATA AND OTHER DIGITAL TRENDS



Massimiliano Versace • *CEO - Neurala*

What is happening in manufacturing? And what is the future of production? What will the digital trends be in the next 5 years? The increasing use of AI and Automation in the manufacturing sector explained by one of the experts.

15:20

15:50

IMA TRAINING: DIGITAL CLASSROOMS, VIRTUAL TRAINING AND AUGMENTED REALITY TOOLS

Raoul Filippi • *Training and Competence Development Manager - IMA Life Division*

IMA Virtual Training can enhance the learning phase to teach intervention procedures on machines and verify operators understanding, with or without the physical presence of the machinery and instructors. Let's find out how Digital Technologies can support the operators training.

15:50

16:00

SESSION CLOSURE

SENSING FUTURE DAYS: IMA DIGITAL NATIVE

8 OCTOBER 2020

CET
10:00

WELCOME TO THE SENSING FUTURE DAYS - IMA DIGITAL NATIVE

DIGITAL SERVICITIZATION

10:10
10:30

DIGITAL SERVICITIZATION IN 4.0 MANUFACTURING

Stefano Dieci • *After Sales Manager - IMA Life Division*

Servitization, the transition from product to service, represents a new important approach to the business and the market. A process capable of radically changing the relationship between product and user and the way in which companies generate value, especially with the advent of 4.0 technologies.

10:45
11:15

IMA REMOTE ASSISTANCE, THE BEST SOLUTIONS TO RESTORE PRODUCTION QUICKLY

Fabrizio Verole Bozzello • *Service Solutions Development Coordinator - IMA Life Division*
Alina Rotundu • *After Sales - IMA Life Division*

Recent technologies and new wearable tools such as Smart Glasses and Tablets for Augmented Reality are able to increase the potential of both communication and remote assistance. It becomes possible to structure an effective remote support to solve technical problems, failures, malfunctions and complex operations.

11:30
11:50

COMPUTATIONAL DESIGN AND AI FOR MANUFACTURING

Wojciech Matusik • *Professor of Electrical Engineering and Computer Science at the Computer Science and Artificial Intelligence Laboratory at MIT*

In a very near future, workshops will become places where automated machines will make customized complex multi-material part and collaborative robots allow flexible assembly of multi-functionality object. Let's dive into the next manufacturing future with Wojciech Matusik, professor at MIT.

12:05
12:25

SPEED UP THE PLANT DELIVERY WITH THE IMA REMOTE FAT

Elena Tomelli • *Product Manager - IMA BFB Division*

Industry 4.0 virtual platforms and technologies contribute to innovate and change the way we give rise to machines and plant. Discover how IMA Remote FAT allows you to accelerate the Factory Acceptance Tests procedures, throughout the power of digitalization. Remove physical barriers and perform FAT remotely, in the pharmaceutical market.

12:40
13:00

DISCOVER HOW IMA VIRTUAL COMMISSIONING CAN SHORTEN LEAD TIMES

Davide Azzolini • *Technical Director - IMA Automation Division*

Virtual commissioning is starting to be one of the most versatile ways to obtain highly functional industrial plants. The system designed on a digital platform can become a valid ally in the realization of complex industrial systems thanks to numerous advantages: problems and system bugs solved directly in the design phase, shortened production times, parallel activities on the same project, processes optimized for each contact person involved.

DIGITAL LUNCH

13:00
14:25

GREEN LUNCH BREAK

A look into the green packaging trends and how IMA is driving the wave of sustainability with IMA ZERO. IMA ZERO is our very latest promise to create products, production processes and services, benefitting from a renewed logic of sustainability and from the awareness that our commitment today will help to shape the world of tomorrow.

DIGITAL TRENDS

14:40
15:10

MEET THE EXPERT
CHANGES IN VALUE CHAINS AND SMART FACTORIES

Robert Cohen • *PHD, Senior Fellow Economic Strategy Institute*

Find out with Robert Cohen how Smart Factories change value chains by transforming buildings into smart facilities that connect all equipment digitally, and are able to give rise to larger benefits for value and supply chains themselves.

COBOTICS

15:25
15:45

SUPPORT YOUR PRODUCTION IN THE HEAVY AND LOW VALUE TASKS WITH THE IMA COBOTS

Katia Staglianò • *Research & Innovation - Automation & Software, Hw/Sw Engineer - IMA Group*
Alessandro Carapia • *Innovation R&D Mechanical Engineer - IMA Group*

The collaborative robots technology holds great potential thanks to their relative convenience and the high security they are able to guarantee. Let's find out how IMA Cobots could improve and make more efficient your production flow.

15:50
16:00

SESSION CLOSURE