27 / 28 / 29 / 30 SEPTEMBER

Legend



Events and Workshops

Permanent event

TUESDAY 27 SEPTEMBER

TUESDAY 27
SEPTEMBER

09:30 -

Hall D5

18:00

Permanent event

Tecna Future Lab

Tecna Future Lab (situated in Hall D5) is a TECNA themed route, a new exhibition area and a laboratory of ideas that aims to gather the latest news and stimuli in Industry 4.0 and seeks to guarantee continuity with the innovation process embarked on by the manufacturing industry.

The three souls of the project are:

- **FUT URE LAB (INNOVATION AREA):** what the market offers; practical, tangible application of innovative solutions in industry 4.0
- **FUT URE ARENA:** space dedicated to information, training, update and innovation;
- **-START-UP AREA:** with the support of ICE (Agency for the promotion abroad and internationalisation of Italian companies). This is a space dedicated to innovative Italian and international start-ups that offer services/products that can be traced to the world of digitisation, raw materials, decoration, finishing, handling & packaging, logistics & transport and green solutions for industry.

HALL B7 - INTERNATIONAL BUYERS' LOUNGE

Organised in cooperation with the Italian ministry of economic development and ICE - Agency for the promotion abroad and internationalisation of Italian companies

TUESDAY 27
SEPTEMBER
10:00 -

10:20

Future Arena- Hall D5

Events and Workshops BI-REX

The Role Of Competence Centers Within The Italian Innovation Ecosystem With Bi-Rex Presentation And European Digital Innovation Hub

MASCOLO DANILO

Business and Innovation Development Manager BI-RFX Talk by BI-REX

Speaker: **Danilo Mascolo**, Business and Innovation Development Manager BI-REX TUESDAY 27 SEPTEMBER

10:20 -

10:40

Future Arena- Hall D5

Events and Workshops BI-REX

Security & Blockchain, Use Cases And Best Practices: The Ss4sp Project

MERIGHI FRANCESCA

Cybersecurity officer Sacmi

Talk by BI-REX

Speaker: Francesca Merighi, Cybersecurity officer Sacmi

TUESDAY 27 SEPTEMBER

10:40 -

11:00

Future Arena- Hall D5

Events and Workshops BI-REX

Presentation Of Accelerated Startups In Gellify And Related Use Cases

BERTASA MATTIA

Delivery Manager GELLIFY

Talk by BI-REX

Speaker: Mattia Bertasa, Delivery Manager Gellify

TUESDAY 27 SEPTEMBER

11:00 -

11:20

Future Arena- Hall D5

Events and Workshops Start up Prodlogger®, Automated Production Tracking System Based On Patented Technology

SPAGNOL MARCO

PhD, Founder di Friuldev S.r.l

Talk by FRIULDEV S.r.l

ProdLogger® is an all-in-one system for tracking automated production, suitable for SMEs that develop single

pieces using CNC machines (moulds, individual orders, prototypes). The technology is patented and allows for data to be collected from the tooling machines, then processed and displayed in a web dashboard. With ProdLogger®, companies can automatically cost their production.

For production plants, FRIULDEV SRL develops custom MES systems optimised for the specific production line and that can manage external data and additional sensors, focusing on machine feedback and optimising function. More specifically, experience has been accrued in the development of slabs (marble, insulating materials for construction) and packaging (food).

Speaker: Marco Spagnol, PhD - Founder of Friuldev srl

TUESDAY 27 SEPTEMBER

11:20 -

11:40

Future Arena- Hall D5

Events and Workshops Start up Augmented Reality And Artificial Intelligence For Industry 4.0

AVOLIO EMANUELE

Head of Business & Product Manager at Pikkart S.r.l

Talk by PIKKART S.r.l

Pikkart-AR Industry 4.0 is software assisting the operator in quality control and training procedures through image recognition and an augmented reality interface. The software uses artificial vision algorithms to recognise the object of interest and connects to the company information system to show information that is useful to the operator. An AR interface reports the data in the simplest, clearest manner for the operator, so as to facilitate his work, reducing time and increasing the reliability and scalability of guided processes. The operator can use smartglasses, tablets or a station equipped with a display to interact with the system.

The solution assists the operator with piece control, showing in augmented reality the checks to be performed, the tools to be used, the sequence of actions necessary to complete the task and the data obtained from IoT sensors. By recognising the piece, perfect visual alignment is assured between it and the virtual contents. The solution can also be used during the defect reporting, simplifying interaction with the piece to be controlled. Through augmented reality, the presence can also be simulated of a mechanical piece in front of you (training, prototyping), for example to display reports, statistics or prepare presentations.

Speaker: **Emanuele Avolio**, Head of Business & Product Manager at Pikkart S.r.l

TUESDAY 27 SEPTEMBER

11:40 -

12:00

Future Arena- Hall D5

Events and Workshops Start up We Localise Your Asset To Make The Production Processes Efficient And Save Time

MAIMURA MATTIA

CEO di BeeComs

Talk by BEECOMS S.r.l

Programme:

- About us (30" presentation video);
- The technology: how indoor localisation works;
- How BeeComs fits into corporate information systems;
- The 3 areas of intervention:
 - 1. Analysis: we make logistics flows tangible;
 - 2. Production: we localise assets striving for no lost time;
 - 3. Security: indoor geolocalisation allows us to increase security at production sites;
- Solutions: table reports, heat maps, spaghetti charts, asset research (equipment and orders).

Speaker: Mattia Maimura, CEO of BeeComs

TUESDAY 27 SEPTEMBER 15:00 -

17:00

Future Arena- Hall

Congress *Opening Congress*

How to make the future: visions and challenges

Opening Congress by: ACIMAC (Association of Italian Manufacturers of Machinery and Equipment for Ceramics) and IEG (Italian Exhibition Group)

Simultaneous Italian-English interpreting will be provided

Greetings by **Corrado Peraboni**, AD IEG, Italian Exhibition Group and **Paolo Lamberti**, Chairman of Acimac, Association of Italian Manufacturers of Machinery and Equipment for Ceramics

Tecna 2022 will dedicate the opening event to the future of the industry, seeking to offer visions and prospects for the future growth of the segment, both in technological terms and as regards international policy. The "How to make the future: visions and challenges" congress will involve some of the world's most important producers of ceramic surfaces, called to present their visions of the business in a rapidly-changing world.

TUESDAY 27 SEPTEMBER

17:00 -

18:00

Future Arena- Hall

Congress

TecnAwards

By Acimac (Association of Italian Manufacturers of Machinery and Equipment for Ceramics) and IEG (Italian Exhibition Group) in collaboration with the magazine CERAMIC WORLD REVIEW

With the establishment of the TecnAwards, TECNA rewards the best technological investments made by international customers in the period 2020-22 and stresses its role as bridge between the world of supplies and ceramic tile manufacture.

There are nine categories at the 2022 TecnAwards

WEDNESDAY 28 SEPTEMBER

WEDNESDAY 28
SEPTEMBER
09:30 13:00

Future Arena- Hall

Congress

Sustainability In Ceramics



DUCCI LORENZO

Hydrogen Business Unit - Enel Green Power

BASSANO CLAUDIA

Researcher PhD Ing. Chimica, ENEA

MODERATORE: BOTTINO FRANCESCO

Director of Hydronews

MODERATRICE: GIACOMINI PAOLA

Director of Ceramic World Review

FONT ANINI MARCELLO

Sermat, LB Group

BERTUZZI MARCO

Protesa or Sacmi forni & filters

RICCI CLAUDIO

Sacmi

TORLAI ANDREA

System Ceramics

SECCHI ROBERTO

Poppi

By ACIMAC (Association of Italian Manufacturers of Machinery and Equipment for Ceramics) and IEG (Italian Exhibition Group) in collaboration with the magazine CERAMIC WORLD REVIEW.

Main sponsor: ENEL GREEN POWER

<u>Simultaneous Italian-English</u> <u>interpreting will be provided</u>

The congress investigates various aspects linked to the topics of the ecological transition in the ceramic industry.

Programme

9:30-9:45

Welcom Greetings

Session: "New frontiers of hydrogen: challenges and opportunities in Europe" Moderator: Francesco Bottino, Director of Hydronews

9:45-10:00

Potential and development of hydrogen in hard to abate segment **Claudia Bassano**, Researcher PhD Ing. Chimica, **ENEA** (Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile)

10:00-10:15

How to decarbonise the ceramic tile industry with green hydrogen: the role of Enel Green Power **Lorenzo Ducci**, Hydrogen Business

Lorenzo Ducci, nyurogen busi

Unit - Enel Green Power

EVANGELOS SCHOINÀS

Cami Depurazioni

10:15-10:30

Hydrogen and technologies for the sustainability of ceramic processes **Claudio Ricci**, Sacmi

10:30-10:45

"Innovative solutions for the use of hydrogen in ceramics" **Giovanni Santilli**, SITI B&T

10:45

TRAPANANTE FRANCESCO

Global Key Account Manager (Enel X Italy)

Question time

Session: Circular economy and energy efficiency

Moderator: Paola Giacomini, Tile Edizioni

11:00-11:15

Sustainable thresholds for new system Ceramics technologies **Andrea Torlai**, System Ceramics

11:15-11:30

Recovery of waste and sludge

Marcello Fontanini, Sermat, LB Group

11:30-11:45

From heat recovery to cogeneration: the new Poppi Clementino **Roberto Secchi**, Poppi

11:45-12:00

Technologies for the reduction of energy costs and emissions in ceramic tile production

Evangelos Schoinàs, Cami Depurazioni

12:00-12:15

Photovoltaic systems in the ceramic industry: Methods and models **Marco Bertuzzi**, Protesa or Sacmi forni & filters

12:15-12:30

Energy Communities: latest updates and business opportunities for the Ceramics Sector

Francesco Trapanante, Global Key Account Manager (Enel X Italy)

12:30-12:45

Question time and conclusions

WEDNESDAY 28 SEPTEMBER

09:30 -

18:30

Hall D5

Permanent event

Tecna Future Lab

Tecna Future Lab (situated in Hall D5) is a TECNA themed route, a new exhibition area and a laboratory of ideas that aims to gather the latest news and stimuli in Industry 4.0 and seeks to guarantee continuity with the innovation process embarked on by the manufacturing industry.

The three souls of the project are:

- **FUT URE LAB (INNOVATION AREA):** what the market offers; practical, tangible application of innovative solutions in industry 4.0
- FUT URE ARENA: space dedicated to information, training, update and innovation;
- **-START-UP AREA:** with the support of ICE (Agency for the promotion abroad and internationalisation of Italian companies). This is a space dedicated to innovative Italian and international start-ups that offer services/products that can be traced to the world of digitisation, raw materials, decoration, finishing, handling & packaging, logistics & transport and green solutions for industry.

HALL B7 - INTERNATIONAL BUYERS' LOUNGE

Organised in cooperation with the Italian ministry of economic development and ICE - Agency for the promotion abroad and internationalisation of Italian companies

WEDNESDAY 28 SEPTEMBER

14:00 -

14:20

Future Arena- Hall D5

Events and Workshops Start up

Tod System, Collaborative Robotics

PICCOLO DANILO

TOD System S.r.l

Talk by TOD System S.r.l

We are an innovative start-up that develops technological solutions for logistics, using collaborative robotics.

The constant growth of the logistics market, due to a large extent to the boom of e-commerce, is experiencing great difficulty in finding manpower. Today, warehouse logistics requires an increasing number of operations to manage to keep up with the number of orders to be processed. The management and processing of the order is the physically most demanding part of the warehouse.

Speaker: Danilo Piccolo, TOD System S.r.l

WEDNESDAY 28 SEPTEMBER

14:00 -

17:00

Mimosa Hall - Pad B6-D6

Congress

Decortech Conference











COLAGRANDE MASSIMO

Metis R&D Manager

TOMÀS FERNANDO

Global Product Director, Inkjet Packaging & Building Materials at EFI

FRANZONI LUIGI

Market Development Manager Cefla sc - Business Unit Finishing

VAN ROY LOUIS

Business Development Manager IP at Unilin Technologies

CHANGLONG SUN

Inkjet Strategic Business Development Manager at Ricoh Europe

In collaboration with TCM (Technical Conference Management)

The event will be held in English

The congress will present the latest innovations in the area of technologies for the design of latest generation non-ceramic surfaces

Moderator: **Kurt Fischer**, Managing Director, Technical Conference Management KG

Programme:

14:00-14:30

UNILIN TECHNOLOGIES

Easy to install decorative alternatives for ceramics

Louis Van Roy, Business

Development Manager IP at Unilin Technologies

14:30-15:00

METIS

Latest advancement in material scanning technology

Massimo Colagrande, Metis R&D Manager

15:00-15:30

EFI

Industrial inkjet technology for building materials: an opportunity for business transformation

Fernando Tomàs, Global Product Director, Inkjet Packaging & Building Materials at EFI

15:30-16:00

RICOH

Extending decorative opportunities

Changlong Sun, Inkjet Strategic Business Development Manager at Ricoh Europe

16:00-16:30 Cefla Finishing

Industrial digital printing solutions. Prepare, Print, Finish - supporting you along the entire process.

Luigi Franzoni, Market Development Manager Cefla sc - Business Unit Finishing

WEDNESDAY 28 SEPTEMBER

14:20 -

14:40

Future Arena- Hall D5

Events and Workshops Start up

Edge Sdn, Cyber Security Of The lot Industrial Networks

CAMPI ALDO

Chief Executive Officer at Stoorm5

Talk by STOORMS S.r.l

Edge SDN is a telecommunications network designed specifically to make the Industrial factory network

safe according to international standards governing cyber security ISA/IEC 62443 and NIST 800-82. The network (European patent granted) extends the capacity of the Software Defined Network (SDN), adding communication semantics, thereby allowing the industrial assets to communicate with a predefined level of security. All the traffic in the Edge SDN network is segregated and therefore there is no danger of escalation of threats; the threat identification system completes protection, guaranteeing business continuity even in the presence of an issue. The Edge SDN network can also interact with the modern 5G networks, effectively developing an application for mobile networks with factory network security and control functions.

Speaker: Aldo Campi, Chief Executive Officer at Stoorm5

WEDNESDAY 28
SEPTEMBER

14:40 -

15:00

Future Arena- Hall D5

Events and Workshops *Start up*

Asset Tracking For The Digitisation And Optimisation Of A Manufacturing Process

CARRERAS IACOPO

Founder and CEO at ThinkIN

Talk by THINKIN S.r.l

Starting with the localisation and tracking of resources (such as pallets, forklift trucks, materials and semi-finished products or others), a digital representation (or "digital twin") can be created of a manufacturing process, which thus becomes measurable in real time. Artificial intelligence tools and an analysis of the production process enable to identify delays, deviations and areas whose efficiency could be enhanced, taking a lean manufacturing and continuous improvement approach. In this presentation, we will be showing the necessary steps to introduce asset tracking tools into a manufacturing process and we will describe how these technologies have yielded important results in terms of savings of resources and increased production volumes with some success stories.

Speaker: lacopo Carreras, Founder and CEO at ThinkIN

WEDNESDAY 28
SEPTEMBER
15:00 -

15:20

Future Arena- Hall D5

Events and Workshops Start up

DataProdigy

SANO MUSAB HIJAZI

founder di It's Prodigy

Talk by IT'S PRODIGY S.r.l

It's Prodigy is an innovative Italian start-up founded in 2017 with offices in Italy, the US, the United Arab

Emirates, Australia and Luxembourg, specialised in Big Data, Al and various segments, including: insurance, fintech, telco, public administration and consulting. One of our real jewels is DataProdigy, a customisable, versatile platform for analysis and the creation of end-to-end reports with business intelligence functions intended for managers, supporting them in the rapid generation of business intelligence reports, without using BI Excel files. Thanks to a big data engine and artificial intelligence, DataProdigy can use human language: it transforms each question into a report call and immediately creates a new corporate report. With DataProdigy, wasted time is avoided along with additional costs and the entire report approval process is covered; it can also connect up to all the company platforms (SalesForce, Sap, Google Cloud, Oracle, AWS, etc.) and generate user-friendly reports quickly. As it is a multilingual system, it can be used in various different countries.

Speaker: Sano Musab Hijazi, founder di It's Prodigy

WEDNESDAY 28 SEPTEMBER

15:20 -15:40

Future Arena- Hall D5

Events and Workshops University of Unimore The Italian Ceramic District: The World's Leading Manufacturer Of Hydrogen Technology

ROMAGNOLI MARCELLO

Full Professor. Director of Research Centre H2 -UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA – UNIMORE, Dipartimento di Ingegneria "Enzo Ferrari" By: UNIMORE (University of Modena e Reggio Emilia)

Speaker: **Marcello Romagnoli**, Full Professor. Director of Research Centre H2, UNIVERSITÀ DEGLI STUDI

DI MODENA E REGGIO EMILIA - UNIMORE, Dipartimento di Ingegneria "Enzo Ferrari"

WEDNESDAY 28
SEPTEMBER

15:40 -

16:00

Future Arena- Hall D5

Events and Workshops University of Unimore Cool Materials: Strategies For Reducing Heat Island Effect

SILIGARDI CRISTINA

PhD Full professor of Materials Science and Technology UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA-UNIMORE, Dipartimento di Ingegneria "Enzo Ferrari"

By: UNIMORE (University of Modena e Reggio Emilia)

Speaker: **Cristina Siligardi**, PhD Full professor of Materials Science and Technology UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA - UNIMORE, Dipartimento di Ingegneria "Enzo Ferrari"

WEDNESDAY 28 SEPTEMBER

16:00 -

17:30

Future Arena- Hall D5

Events and Workshops

18th International Aldo Villa Prize

By: Icers (Società Ceramica Italiana)

The award has been awarded since 1988 by Società Ceramica Italiana to an Italian or foreign personality (entrepreneur, manager, technician or researcher) who has contributed to the development of the ceramic industry.

THURSDAY 29 SEPTEMBER

THURSDAY 29
SEPTEMBER

09:30 -

18:00

Hall D5

Permanent event

Tecna Future Lab

Tecna Future Lab (situated in Hall D5) is a TECNA themed route, a new exhibition area and a laboratory of ideas that aims to gather the latest news and stimuli in Industry 4.0 and seeks to guarantee continuity with the innovation process embarked on by the manufacturing industry.

The three souls of the project are:

- **FUT URE LAB (INNOVATION AREA):** what the market offers; practical, tangible application of innovative solutions in industry 4.0
- **FUT URE ARENA:** space dedicated to information, training, update and innovation;
- **-START-UP AREA:** with the support of ICE (Agency for the promotion abroad and internationalisation of Italian companies). This is a space dedicated to innovative Italian and international start-ups that offer services/products that can be traced to the world of digitisation, raw materials, decoration, finishing, handling & packaging, logistics & transport and green solutions for industry.

HALL B7 - INTERNATIONAL BUYERS' LOUNGE

Organised in cooperation with the Italian ministry of economic development and ICE - Agency for the promotion abroad and internationalisation of Italian companies

THURSDAY 29 SEPTEMBER

10:30 -

12:30

Future Arena- Hall D5

Events and Workshops

Forum Africa: corporate workshops of buyers from west africa

By Acimac (Association of Italian Manufacturers of Machinery and Equipment for Ceramics) and IEG (Italian Exhibition Group)

The event will be held in English

The event is divided up into two sessions.

The first part will cover more introductory economic, financial, social and regulatory topics relative to the African market and will conclude with a focus on the local ceramic market.

The second part will involve various West African ceramic tile company representatives.

Next a Light lunch networking

THURSDAY 29 SEPTEMBER

14:00 -

14:20

Future Arena- Hall D5

Events and Workshops University of Unimore

Procedures And Methodologies For Predicting The Use Of Recycled Materials In Ceramic

POZZI PAOLO

Professor of Science and Technology of Polymers and Thermosetting Polymers UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA – UNIMORE, Dipartimento di Ingegneria E. Ferrari By: UNIMORE (University of Modena E Reggio Emilia)

Speaker: **Prof. Paolo Pozzi**, Professor of Science and Technology of Polymers and Thermosetting

Polymers

UNIVERSITÀ DEGLI STUDI DI MODENA E REGGIO EMILIA – UNIMORE, Dipartimento di Ingegneria E. Ferrari

THURSDAY 29 SEPTEMBER

14:20 -

14:40

Future Arena- Hall D5

Events and Workshops Start up Mobile Robot Technology for Surface Finishing and Paint Application

MACHILL PATRICK

Partner & COO di Robosurf S.r.l

Talk by ROBOSURF S.r.l

ROBOSURF offers autonomous mobile robots and extends them with a variety of App Kits for Surface Finishing and Spray Painting to automate work on surfaces in construction, industries and the naval sector.

The Robosurf robotic platform is equipped with the most advanced artificial intelligence features, and includes industry 4.0 enabling technologies. ROBOSURF offers enormous added value by automating individual tasks and entire processes for surface finishing and paint application.

Speaker: Patrick MacHill, Partner & COO of Robosurf S.r.l

THURSDAY 29 SEPTEMBER

14:30 -

17:00

Mimosa Hall - Pad B6-D6

Events and Workshops

Technical Congress: Advances On The New Machines Regulation: Compliance And Market Control

LEUZZI FABIOLA

Labour, Welfare and Human Capital Area -Confindustria Rome By Acimac (Association of Italian Manufacturers of Machinery and Equipment for Ceramics) and IEG (Italian Exhibition Group)

CAPPELLETTI ERNESTO

Quadra srl, Regulatory expert for Federmacchine

CARAMORI GIORGIO

Lawyer in Cassation, De Capoa law firm - Bologna

MAST ROENI LORENZO

Manager Ministry of Economic Development -Directorate General for the market, competition, consumer protection and technical rules

MONICA LUIGI

INAIL, Department of Technological Innovations and Safety of Plants, Products and Anthropic Settlements

The congress seeks to present the main innovations that, in light of the texts being discussed, will be contained in the provision set to replace Directive 2006/42/EC both as regards the Essential Safety Requirements and relative to regulatory aspects. It is a provision of great interest both to machine manufacturers and users, insofar as

it sets the rules for the conformity of machines, lines and plants released to the market.

The event will involve the Ministry of Economic Development and INAIL, which will provide in-depth information about procedures for the market control and disputes of machine conformity.

Programme:

14:30-14:40

Greetings

Director ACIMAC

14:40-15:00

The New Machines Regulation: approval procedure, main discussions that have emerged, coming into force, applicability

Fabiola Leuzzi (Labour, Welfare and Human Capital Area - Confindustria Rome)

15:00-15:30

The New Machines Regulation: main application innovations impacting ceramic machine manufacturers

Ernesto Cappelletti (Quadra srl, Regulatory expert for Federmacchine)

15:30-15:50

The New Machines Regulation: Reflections and considerations on the role of manufacturer, importers, etc. also in light of Regulation EU 2019/1020 **Giorgio Caramori** (Lawyer in Cassation, De Capoa law firm - Bologna)

15:50-16:20

Machine conformity, market surveillance procedures

Lorenzo Mastroeni (Manager Ministry of Economic Development - Directorate General for the market, competition, consumer protection and technical rules)

16:20-16:45

Examples of technical investigations of machines reported as non-compliant **Luig i Monica** (INAIL, Department of Technological Innovations and Safety of Plants, Products and Anthropic Settlements)

16:45-17:00

Discussion

17:00

Works end

THURSDAY 29 SEPTEMBER

14:40 -

15:00

Future Arena- Hall D5

Events and Workshops BI-REX

Vr / Ar Applications From Design To Marketing

MARGOTTA MARIO

Consultant and Project Manager

Talk by BI-REX

Speaker: Mario Margotta, Consultant and Project Manager

THURSDAY 29 SEPTEMBER

15:00 -15:20

Future Arena- Hall D5

Events and Workshops BI-REX

Artificial Intelligence For The Efficiency And Monitoring Of Processes

GALLETTO ALBERTO

Var Group Research Development and Special Projects Manager Talk by BI-REX

Speaker: **Alberto Galletto**, Var Group Research Development and Special Projects Manager

THURSDAY 29 SEPTEMBER

15:20 -

15:40

Future Arena- Hall D5

Events and Workshops Start up Artificial intelligence in industry 4.0

CISCATO MARCO

Besquare S.r.l

Talk by BESQUARE SRL

Talk by BESQUARE SRLS

The main function for

the management and control of the production function of a company is today achieved with a computerised MES (Manufacturing Execution System). The management of production includes the management of orders, progress made in quantities and time and transfers in the warehouse. In addition, the MES also allows for a direct link to the machines to collect information that is useful in integrating and checking the execution of production and its control. The interconnection and integration between machine and logistics system is the main driver of Industry 4.0, and the application of artificial intelligence enables to look to the "factory of the future": predictive maintenance, smart planning and manmachine integration.

Speaker: Marco Ciscato, Besquare S.r.l

THURSDAY 29 SEPTEMBER 15:40 -16:00

Future Arena- Hall D5

Events and Workshops Start up

Milkydataway: An Open Source Platform For The Development Of Modular Linked-Data-Driven Applications For Industry 4.0

ROFFIA LUCA

Chairman of Vaimee S.r.l

Talk by VAIMEE S.r.l

MilkyDataWay supports the manufacturing company in transitioning to the industry 4.0 era,

transforming its products, machinery and processes into smart, inter-connected systems. MilkyDataWay enables interoperability, facilitating the exchange of data in different formats, preserving the relevant context through a semantic description. MilkyDataWay is naturally used in areas characterised by heterogeneous data that is not structured and dynamic, the Internet of Things first and foremost. This is not all, the possibility of combining different elements and modifying them to meet with the specific needs of the end user makes MilkyDataWay a versatile, entirely customisable platform. With MilkyDataWay, it is quick and easy to integrate complex systems, in a sustainable, scalable and inexpensive manner. Based on the most innovative Open Source technology, the platform can collect and record flows of data generated by external sources (IoT), combine them using Al algorithms and reuse them to develop new "smart" services/applications and solutions/products.

Speaker: Luca Roffia, Chairman of Vaimee S.r.l

FRIDAY 30 SEPTEMBER

FRIDAY 30 SEPTEMBER 09:30 -

Hall D5

18:00

Permanent event

Tecna Future Lab

Tecna Future Lab (situated in Hall D5) is a TECNA themed route, a new exhibition area and a laboratory of ideas that aims to gather the latest news and stimuli in Industry 4.0 and seeks to guarantee continuity with the innovation process embarked on by the manufacturing industry.

The three souls of the project are:

- **FUT URE LAB (INNOVATION AREA):** what the market offers; practical, tangible application of innovative solutions in industry 4.0
- **FUT URE ARENA:** space dedicated to information, training, update and innovation;
- **-START-UP AREA:** with the support of ICE (Agency for the promotion abroad and internationalisation of Italian companies). This is a space dedicated to innovative Italian and international start-ups that offer services/products that can be traced to the world of digitisation, raw materials, decoration, finishing, handling & packaging, logistics & transport and green solutions for industry.

HALL B7 - INTERNATIONAL BUYERS' LOUNGE

Organised in cooperation with the Italian ministry of economic development and ICE - Agency for the promotion abroad and internationalisation of Italian companies

FRIDAY 30 SEPTEMBER 10:00 -10:20

Future Arena- Hall D5

Events and Workshops BI-REX

The Role Of Training In The Transition To Industry 4.0

MATRÀ VALENTINA

Training Specialist BI-REX

Talk by BI-REX

Speaker: **Valentina Matrà**, Training Specialist BI-REX

FRIDAY 30 SEPTEMBER

10:20 -

10:40

Future Arena- Hall D5

Events and Workshops BI-REX

Big Data For Manufacturing, Use Cases And Best Practices: The Deepmon Project

TELLARINI MATTEO

Data Scientist Sacmi

Talk by BI-REX

Speaker: Matteo Tellarini, Data

Scientist, Sacmi

FRIDAY 30 SEPTEMBER

10:40 -

11:00

Future Arena- Hall D5

Events and Workshops BI-REX

Design For Additive Manufacturing And Finishing Processes In 3d Printing

COTTO LUCA

Additive Manufacturing Engineer BI-REX

Talk by BI-REX

Speaker: **Luca Cotto**, Additive Manufacturing Engineer BI-REX

FRIDAY 30 SEPTEMBER

11:00 -

11:20

Future Arena- Hall D5

Events and Workshops University of Unimore Artificial intelligence and computer vision for quality control in industrial setups

FABBRI MATTEO

Postdoctoral Researcher at AlmageLab – UNIMORE, CEO and Cofounder of GoatAl Srl By: UNIMORE (University of Modena e Reggio Emilia)

Speaker: **Prof Matteo Fabbri**, Postdoctoral Researcher at

AlmageLab - UNIMORE, CEO and Cofounder of GoatAI Srl