







# Tecna Expo

24 / 25 / 26 / 27 SEPTEMBER

## Legend

-  Conferences
-  Decortech Conference
-  Educational
-  Events & Awards
-  Opening event
-  Technical seminars

# TUESDAY 24 SEPTEMBER

TUESDAY 24  
SEPTEMBER

14:30 -  
16:00

Innovation Arena  
Pav. D3

**Opening event**  
[Click here](#)

**GLOBAL MARKETS. Wars, energy and the digital revolution: the challenges for manufacturing**

Language: Italian  
Simultaneous translation: English

**organized by ACIMAC - Italian Ceramic Machinery & Equipment Manufacturers' Association & IEG - Italian Exhibition Group Spa**

## ***Opening Ceremony***

*Moderator:*  
Gigi Riva, Foreign policy columnist

2.30 pm *Introductory remarks*

**Maurizio Renzo Ermeti**, Chairman of Italian Exhibition Group Spa

**Paolo Lamberti**, Chairman of ACIMAC - Italian Ceramic Machinery and Equipment Manufacturers' Association

**Jamil Sadegholvaad**, Mayor of Rimini

**Italian Trade Agency ITA \***

## **GLOBAL MARKETS. Wars, energy and the digital revolution: the challenges for manufacturing**

The past few years have seen continuous geopolitical upheavals. First, the war in Ukraine triggered an energy crisis due to the disruption in gas supplies from Russia, then the Middle East conflict hindered the transport of raw materials and goods via the Red Sea. This situation has strengthened the position of the global superpowers and forced Europe into a defensive stance. The balance of economic power has increasingly shifted eastwards, with China gaining substantial market share through its battery-powered products and India displaying seemingly unstoppable growth. Despite these challenges, Italian manufacturing has maintained its internationally recognised quality and continues to excel in export markets. By investing in digitalisation, Italian industry is improving its sustainability, flexibility and performance, qualities that are enabling it to weather the storm of international uncertainty.

## **Programme**

### **INTERNATIONAL SCENARIOS**

**Paolo Magri**, Managing Director and Chair of Advisory Board, ISPI  
***An overview of the international situation: focus on possible developments in current conflicts***

**Marco Taisch**, Professor at Milan Polytechnic, Chairman of Made and one of Europe's leading experts in the field of servitization

***The digital revolution as a way of staying centre stage***

**Vincenzo Colla**, Economic Development and the Green Economy, Employment, Education and International Relations, Emilia-Romagna regional government

Closing remarks by **Antonio Tajani**, Minister of Foreign Affairs and International Cooperation \*

*\* Invited speaker awaiting confirmation*

TUESDAY 24  
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**Events & Awards**  
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## Presentation of WEAREACIMAC

Language: Italian

**organized by ACIMAC, Italian Ceramic Machinery and Equipment  
Manufacturers' Association**

Presentation of the international communication campaign for Italian ceramic technology and design promoted by ACIMAC

TUESDAY 24  
SEPTEMBER

17:30 -  
18:00

Portico Pools

**Events & Awards**  
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## TecnAperitivo

Language: Italian

**Sponsored by WEAREACIMAC**

# WEDNESDAY 25 SEPTEMBER

WEDNESDAY 25  
SEPTEMBER

10:30 -  
11:00

Decortech Arena  
Hall B7-D7

**Decortech  
Conference**  
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## Opening Decortech

Language: English

**organized by TECNA**

10.30 *Welcome coffee*

10.45 *Greetings and Introduction*

WEDNESDAY 25  
SEPTEMBER

10:30 -  
12:00

Innovation Arena  
Pav. D3

**Technical  
seminars**  
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## Transition 5.0 Plan: Operational rules for ceramic companies

Language: Italian

**organized by ACIMAC, Italian Ceramic Machinery and Equipment  
Manufacturers' Association**

The seminar will explore essential aspects of effective project management in the ceramic industry, placing particular emphasis on energy efficiency and the application processes associated with the Transition 5.0 concept.

It will begin with a technical analysis of application documents, the production process and counterfactual analysis, illustrated by practical examples.

Further discussions will provide detailed analysis of prospective and retrospective certification, measurement of estimates, use of the GSE platform and monitoring, together with a comprehensive overview of its practical applications. Project submission procedures will be explained, with a focus on critical issues, the necessary checks and rules for obtaining benefits. Practical advice for companies will also be provided.

The seminar will conclude with a question-and-answer session, allowing attendees to further explore the topics covered and clarify any uncertainties.

### Programme

#### **Technical aspects relating to application documents**

Stefano Nicolussi and Stefano Lugli, ACIMAC Technical Department

#### **Prospective and retrospective certification: measuring and estimating the energy efficiency of investments**

Mattia Ravasio, Sinergia Consulting Srl

#### **Model 5.0: guidelines for submitting projects for tax credits**

Elisa Leoni and Priscilla Russo, ACIMAC finance department

### Q&A

WEDNESDAY 25  
SEPTEMBER

11:00 -  
11:45

Decortech Arena  
Hall B7-D7

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Conference**  
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## Digital Printing in Industrial Decoration Processes



Language: English

**organized by FESPA Italia Associazione, Cefla s.c. – Business Unit Finishing, Cromatica- Marcegaglia**

Digital printing is a technology that today can meet the most challenging requirements, even in industrial applications.

In this session, curated by FESPA Italy Associazione, brands and suppliers will discuss printed projects, addressing both technological aspects and the need for communication and customization. The case study of the Duomo of Milan will be presented.

FESPA Italia Associazione - Enrico Barboglio, General Secretary FESPA Italia  
Cefla s.c. – Business Unit Finishing - Fabio Vito Grazioso, Digital Printing Line Sales Manager, Cefla s.c. – Business Unit Finishing  
Cromatica - Marcegaglia - Salvatore Pisani, Sales & Marketing Director CROMATICA - MARCEGAGLIA

WEDNESDAY 25  
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12:00 -  
12:30

Decortech Arena  
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## Metis: Technologies for the acquisition of surfaces with relief and virtual applications for decorative product design and marketing



Language: English

**organized by METIS SYSTEMS**

At the DECORTECH Conference, Metis will present its latest digital scanning technology for the reproduction of large originals with 2D/3D surfaces as for example raw materials. Metis design and manufacture state of the art scanning solutions that are currently in use by leading companies in different industry worldwide, in particular for the décor market. Metis scanners are suitable for creating the necessary input to the printing production workflow including color data and 3D data for engraving/embossing purposes. Metis will also showcase the ability to use the scanners for generating suitable PBR maps (physically based rendering) to be used for virtual rendering and marketing applications of the décor products.

Massimo Colombo, Sales Manager METIS SYSTEMS

WEDNESDAY 25  
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## ITALTECH PROJECT, the Italian open network for the digitalization of the ceramic manufacturing processes

Language: English

### organized by ITALTECH

In this speech, we will introduce you ITALTECH PROJECT, a new synergistic collaboration between highly specialized companies, an interconnected and open network of innovators who embrace change as an opportunity.

We will present you "the Italian open network for the development of innovative technology for the preparation and intralogistics distribution of body, glazes and digital inks in the ceramic tiles manufacturing process".

Through the presentation of an innovative solution, we will highlight the importance of Made in Italy automation and how it is revolutionizing the ceramic industry.

In an increasingly competitive landscape of the ceramic industry, a group of cutting-edge companies has decided to join forces to shape the future of the industry.

The creation of a dynamic and high specialized network allows the continuous exchange of knowledge, skills and resources, this collaboration not only accelerates innovation, but creates an ecosystem in which each company contributes uniquely to the collective growth.

We will explore how digitization is transforming every aspect of body, glaze and inks preparation and their intralogistics distribution, with a particular focus on real-time data collection and analysis, which enables unprecedented quality control and waste reduction.

We will conclude our talk by discussing the importance of being able to look to the future with a clear and bold vision capable of leading the industry to new horizons.

Only those who are able to propose innovative solutions oriented to maximize their efficiency can consider themselves true leaders in the ceramic transformation process.

We invite you to discover with us how Italtech, together with its partners, is redefining the future of the ceramic industry through innovation and digitalization.

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15:00

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Hall B7-D7

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## Digital decoration for building materials



Language: English

### organized by PROJECTA

Projecta offers cutting-edge solutions in the ceramic sector and more than 20 years of experience make it a benchmark for digital printing, with a strong innovative edge, across all sectors. The same know-how is applied in many other areas, from glass to metals, wood to building materials and others.

Projecta digital printers have revolutionized the market in terms of technology, quality, flexibility and cost savings. With a wide range of products available, Projecta offers single pass printers and more advanced machines for large formats.

Luca D'Andrea, Operations Manager PROJECTA

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**Technical  
seminars**  
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## "Made in Italy" Superfinishes: Supershine Technologies and Supergloss Treatments

Language: English

### organized by Surfaces Group

The "Made in Italy" superfinishing technologies for lapped products deliver outstanding performance in stain resistance and protection against external agents, without altering the chemical-structural composition of ceramic and glass-ceramic products. These non-invasive processes ensure the highest integrity of treated surfaces, fully complying with UNI EN STD and AST (American Standard) regulations, while adhering to ECO Green Friendly and ESG criteria. Thanks to these cutting-edge solutions, our clients can rely on high-quality standards and environmental safety.

Stefano Rossi, Product Manager NoCoat division

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15:45

Decortech Arena  
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## Q-Art Line, the first digital decoration in agglomerated stone market



Language: English

### organized by B&T QUARTZ

B&T Quartz division, entirely focused on the design and production of complete agglomerated quartz technology solutions, has been created to meet the growing demand for differentiation and innovation in the agglomerated quartz market. The turnkey plant features a first slab-forming line and a digital decoration line, Q-Art Line: the first printing process on agglomerated quartz slabs, allowing the design of unique new products not yet on the market.

Extremely flexible and tailored to the customer's needs, the digital decoration line makes it possible to combine art and imagination with the most advanced digital printing technology, thus giving the opportunity to build a modern and innovative product portfolio.

Luca D'Andrea, Operations Manager PROJECTA – B&T QUARTZ

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17:45

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Events & Awards  
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## “Lorenzo Cagnoni Innovative Start-Up” award and “TECNAWARDS” presentation ceremony

Language: English

**organized by TECNA & ACIMAC - Italian Ceramic Machinery & Equipment  
Manufacturers’ Association, in collaboration with the magazine CERAMIC  
WORLD REVIEW**

### “Lorenzo Cagnoni Innovative Start-Up” award

*Award presentation in Italian*

Held for the first time this year, the Start-up Award honours innovative companies in the Innovation District and is named in memory of late chairman of Italian Exhibition Group Lorenzo Cagnoni.

### “TECNAWARDS” presentation ceremony

*Award presentation in English*

The TecnAwards at TECNA celebrate the best technological investments made by international customers in the period 2022-2024, underscoring TECNA’s role in connecting suppliers and ceramic manufacturers.

The TecnAwards 2024 cover nine categories.

Four awards will be assigned directly by the **exhibitors**, who will have the opportunity to nominate their customers for several categories and select the winners. The other category winners will be chosen by the organisers of Tecna, the magazine Ceramic World Review and Italian design firms.

The exhibitors will select the winners of the following award categories:

- **“Best new plant (tile sector)”**, which will honour the six ceramic companies (one for each geographical region) that have built the best new production plant or modernised an existing facility;
- **“Innovation and sustainability”**, which will go to companies that have demonstrated a clear commitment to process digitalisation and efficient data management while reducing the environmental impact of their production processes;
- **“Best brick manufacturer”** and **“Best sanitaryware producer”**, which will be awarded to companies in the two segments that have excelled in the past two years in terms of business growth and product and process innovation.

*A celebration toast will follow to close the awards ceremony.*



# THURSDAY 26 SEPTEMBER

THURSDAY 26  
SEPTEMBER

10:15 -  
12:00

Innovation Arena  
Pav. D3

**Conferences**  
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## RAW MATERIALS DAY

Language: Italian  
Simultaneous translation: English

### organized by Italian Ceramic Society and TECNA

The building materials and ceramic manufacturing industry today faces crucial challenges related to environmental sustainability and resource optimization. In this context, innovation in the use of alternative and secondary raw materials takes center stage.

This conference day explores various opportunities for the use of unconventional resources, such as sediments from large reservoirs, which represent untapped potential for the development of new sustainable building materials. It also explores the incorporation of secondary raw materials into monoporosa mixes, an approach that can reduce the environmental impact of ceramic production while maintaining high quality standards.

Special attention is paid to the use of recovered glass, whose pyroplastic properties can be exploited to improve the characteristics of ceramic bodies. Finally, the use of filler derived from the processing and recovery of almandite garnet (garnet), a waste material that can find new life in industrial applications, is examined.

These studies represent a significant step toward a future in which the construction and ceramic industries can actively contribute to environmental sustainability through the intelligent and responsible use of resources.

### Programme

*Ore 10.15 Welcome Coffee*

Moderator: **Paolo Zannini**, ICERS

*10.30 am – 11.15 am*

*Session 1*

#### **Sediments from large reservoirs: opportunities for use as construction materials (CNR-ISSMC)**

Authors: C. Zanelli (speaker), S. Javed, S. Conte, C. Molinari, M. Dondi, C. Siligardi, P. Miselli, R. Arletti, A. Gualtieri, R. Fantini, G. Ridolfi, M.C. Bignozzi, R. Spalanzani.

#### **From rock wool waste to secondary raw material for the ceramic industry: evaluation of technological results and potential environmental impacts (UNIMORE-CHIMGEO)**

Authors: R. Fantini (speaker), A. Gualtieri, R. Arletti

#### **Secondary raw materials in monoporosa mixtures (UNIMORE-DIEF)**

Caterina Sgarlata (speaker), Luciana Cupertino, Cristina Siligardi

*11.30 am – 12.00 pm*

*Session 2 – Case studies presentation*

## Recycled Glass and Pyroplasticity: An Analysis in Ceramic Body

Eng. Francesco Ferrari, **Sibelco**

## Use of filler derived from processing and recovery of almandite garnet (GARNET)

Eng. Claudia Chiappino, R&D consultant for the valorization of end-of-waste materials or secondary raw materials, **Med Link srl**

THURSDAY 26  
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10:30 -  
10:45

Decortech Arena  
Hall B7-D7

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Conference**  
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## Opening Decortech

Language: English

**organized by TECNA**

10.30 *Welcome coffee*

THURSDAY 26  
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## KERAjet: a range of solutions for industrial inkjet printing



Language: English

**organized by KERAJET ITALY**

KERAjet, being the company who as introduced first the inkjet printing technology for ceramic in the early 2000's revolutioning the world of tiles decoration, is now, with more than 25 years of experience in industrial inkjet printing technology, beyond ceramic printers, proposing a wide range of industrial inkjet solutions for many different application fields such as Tableware, Bricks, Roof tiles, Textile, Glass, Aluminium and PVC profiles for windows, Metal coil, most of them unique solutions customized under customer requests.

Alberto Ghisellini, Country manager KERAJET ITALY

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Decortech Arena  
Hall B7-D7

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## Expand the designer's creativity into the artistic industriate with Roland DG technologies



Language: English

### **organized by ROLAND DG**

Discover unparalleled solutions in surface decoration at Roland DG seminar at Decortech. Giovanni Re will showcase advanced techniques and tools that set us apart from other manufacturers, including innovative methods for generating ceramic objects with Powder 3D and advanced 3D textural printing for interior decoration with DG Dimense solution.

Experience the unmatched power of Roland DG Print&Cut, UV Print, Milling, Engraving and other technological tools for any industriate decorative solution. This new word identifies how small, highly customised handcrafted batches can be made, offering a unique approach beyond traditional industrial production.

Giovanni Re, Engagement specialist, ROLAND DG

THURSDAY 26  
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12:30 -  
13:30

Innovation Arena  
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**Technical  
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## Cybersecurity of machines

Language: Italian

Simultaneous translation: English

### **organized by ACIMAC, Italian Ceramic Machinery and Equipment Manufacturers' Association**

The new obligations for manufacturers under the New Machinery Regulation, the NIS 2 Directive and the Cyber Resilience Act.

What new responsibilities have been introduced and market surveillance procedures.

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15:00

Decortech Arena  
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**Decortech  
Conference**  
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## The single pass solution for glass printing



a coesia brand

Language: English

### **organized by SYSTEM DIGITAL**

System Digital, the business unit of System Ceramics and a Coesia brand, has developed a high-tech process of digital printing on glass characterized by innovation and high-level know-how. System Ceramics is a reference company in the digital decoration of ceramic surfaces, recognized as international leader in industrial automation for the ceramic sector. System Digital, the division dedicated exclusively to the application of digital printing on glass and other materials, has developed Creaglass, marking the company's entrance into a new industrial field, supported, however, by the know-how that has made System Ceramics' single-pass digital printing unique in the world. Creaglass is a high-performance single-pass drop-on-demand inkjet digital printing system that makes it possible to print on the substrate, offering important applicative solutions in the field of glass for architecture/construction, automotive, household appliances and means of transport.

Marco Poggi, Business Development Manager, SYSTEM CERAMICS

THURSDAY 26  
SEPTEMBER

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15:30

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Conferences  
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## Emilia-Romagna Territorial Innovation Ecosystem - PNRR - Mission 4: case studies in the ceramic sector: ECOSISTER Spoke 1, Spoke 3, Spoke 5

Language: Italian

**organized by UNIBO, CIRIMAM, Rimini Technopole**

### **Session Chairman**

Dario Croccolo, Alma Mater Studiorum – Università di Bologna, Coordinatore Spoke 3 ECOSISTER

### **Climate neutrality and the ceramic industry: scenarios and monitoring of Italian performance characteristics**

Benedetta Ferrari, Centro Ceramico

### **Sintering of porcelain stoneware: relationship with body composition**

Michele Dondi, CNR-ISSMC

### **Thermophysical characterisation to determine the behaviour of green porcelain stoneware bodies during and after firing**

Luca Laghi, CERTIMAC

### **From rock wool waste to secondary raw material for the ceramics industry: evaluation of technological achievements and potential environmental impacts**

Riccardo Fantini and Alessandro Francini, University of Modena and Reggio Emilia

THURSDAY 26  
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15:45

Decortech Arena  
Hall B7-D7

**Decortech  
Conference**  
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## Quality and Innovation: Optimal Solutions for Excellent Results in Glass Processing



Language: English

### **organized by ADI - Industrial Diamond Application and RBM**

This presentation examines the key factors that ensure the effectiveness of glass processing tools developed by Surfaces Group, through its companies ADI and RBM. The use of certified raw materials and rigorous control of the production chain ensure consistent performance and reliability over time. We will also delve into how our Research and Development department works closely with customers to develop customized solutions while maintaining high-quality standards. Finally, we will illustrate how the integration of diamond tool range with polishing wheels enables optimal edge finishes on glass, successfully addressing the technical challenges of the industry.

Carlo Alberto Crescini, Sales Manager, ADI  
Lorenzo Cannella, R&D Manager, RBM

THURSDAY 26  
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16:30

Decortech Arena  
Hall B7-D7

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## Industrial digital printing solutions for inert materials and substrates



Language: English

### **organized by Cefla s.c. - Business Unit Finishing**

From one of the finishing industry's most experienced equipment manufacturers, this presentation focuses on stone, fibre cement and concrete substrates, examining the opportunities provided by the latest industrial digital printing technologies. Aware that companies need to be supported throughout the process, from the initial stages through to reaching their ultimate objectives, the speech will deal with substrate characteristics, product performance, a wealth of customisation opportunities, as well as the look, feel and surface resistance that can be achieved.

Examples of application to inert materials will be used to illustrate the potential of these fast-evolving finishing techniques.

Fabio Vito Grazioso, Digital Printing Line Sales Manager, Cefla s.c. - Business Unit Finishing

THURSDAY 26  
SEPTEMBER

16:00 -  
18:00

Innovation Arena  
Pav. D3

**Conferences**  
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## The evolution of after-sales services in the machinery sector

Language: Italian

**organized by SBS and ACIMAC - Italian Ceramic Machinery and Equipment Manufacturers' Association, with the participation of ASAP and DIGITAL INDUSTRIES WORLD**

After-sales services are becoming increasingly crucial for securing long-term customer loyalty and boosting revenue. Given that digital services are expected to play an increasingly important role in machinery purchasing, how will companies – especially SMEs – be able to enhance their after-sales services? We discuss the topic with the inter-university research centre ASAP and Digital Industries World.

# FRIDAY 27 SEPTEMBER

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FRIDAY 27  
SEPTEMBER

09:00 -  
18:00

Educational  
[Click here](#)

## Green Jobs & Skills

Language: Italian

**organized by TECNA**

A day devoted to **skills, counselling** and **training** with the aim of forging connections between **young people** and **companies**.

This valuable career guidance initiative is part of a broader project focused on innovation and is aimed at recent graduates and final year students from technical institutes, young professionals, workers interested in specialising in sustainability, and companies involved in the ecological transition.