

**“Precious Metals in the History of Science and Technology”: Monday 7th May at
OROAREZZO 2018, a study day with experts, researchers and university teachers**

Arezzo, 5th-8th May 2018 – As part of **OROAREZZO**, the Italian jewellery show organized by IEG, Italian Exhibition Group, the **much-awaited** study seminar entitled *"Precious Metals in the History of Science and Technology"*, organized by TCA | Precious Metals Refining, will be held in the Arezzo Exhibition Centre Auditorium on Monday 7th May.

Constantly oriented towards achieving the highest standards of quality, in recent years, TCA has successfully undertaken an intense internationalization strategy and has secured new and important commercial relations with the biggest global players in the field of precious metal refining and trading. Although the company plays a leading role on international markets, TCA has maintained close relations with the Arezzo gold district which had a fundamental part in the company's initial developments. It is for this very reason that, forty years down the line since its foundation, TCA has decided to share a study seminar with the gold district. The event will not be a self-celebratory occasion but rather a moment of growth and dialogue for all those taking part.

Gold art and precious metal recovery are the central themes of the all-day seminar, which will see interventions from university teachers, researchers and authoritative figures from both industry and the artisan sector.

The event will not only provide a valid opportunity for learning but also one of debate for sector experts. In particular, the morning session will include scientific contributions ranging from the description of ancient gold processing techniques to those of more modern and recent application.

During the afternoon, some aspects of precious metal recovery and refining will be discussed both from sources of primary origin (mines) and those of secondary origin, as in the case of waste from jewellery company processing.

Anyone from the OROAREZZO public can attend the event **free of charge**.

For further information:

www.eventotcametallipreziosi.it

Below is the complete programme

PROGRAMME

9.30 – 10.15 am Registration

10.15 – 10.30 am Event opening and greetings

GOLD ART

Chairing: Carla Martini and Marco Fontani

10.30 – 11.00 am Apprentices and masters: transmitting ancient goldsmith techniques

Alessandro Pacini

11.00 – 11.30 am The authenticity of imitation

Daniela Ferro

11.30 – 12 noon Electro-deposition and innovative characterization of precious metal alloys for the galvanic and jewellery industries

Massimo Innocenti

12 noon – 12.40 pm Gold and Silver: metal perfection in alchemy between the Middle Ages and the Modern Age

Ferdinando Abbri

12.40 – 1 pm Ancient Goldsmith Tools from the Garuti Collection

Francesca Frasca, Isabella Baldini, Adelmo Garuti, Gianlorenzo Calzoni

1 - 2.30 pm Lunch break

2.30 – 3 pm Monetary systems rediscover precious metals in the 'bitcoin' era

Roberto Santi

PRECIOUS METAL RECOVERY

Chairing: Marco Panarese and Valerio Zanotti

3 - 3.30 pm Primary gold deposits and their meaning within the circular economy

Paolo Garofalo

3.30 – 4 pm Presence and historical production of gold in Italy: the case of Cisalpine Gaul

Giuseppe Pipino

4 – 4.30 pm Birth and evolution of gold recovery and refining techniques

Iacopo Ciabatti

4.30 – 5 pm Hi-Tech waste as precious metal "urban mines": new sustainable recovery methods

Angela Serpe

5 - 5.15 pm Close of day

ITALIAN EXHIBITION GROUP S.p.A.: FOCUS ON

Italian Exhibition Group S.p.A., with the two expo centres of Rimini and Vicenza, is Italy's first trade fair organizer for profitability and expo portfolio (regarding the Food & Beverage, Green, Technology, Entertainment, Tourism, Transport, Wellness, Jewellery & Fashion, Lifestyle & Innovation trades). IEG operates worldwide, with branches in the United Arab Emirates, Brazil, United States and China. It is Italy's leader in the conference-convention sector with Rimini's Palacongressi and Vicenza Convention Centre. www.iegexpo.it

AREZZO FIERE E CONGRESSI

Arezzo Fiere e Congressi Srl, the company whose stakeholders include the Tuscany Region, Arezzo Chamber of Commerce, Arezzo Council and Province, credit institutions and over 300 jewellery companies, with a capital of Euro 40.8 million, is presided over by Andrea Boldi. For 39 years the company has been organizing the OROAREZZO Show - now managed by IEG as part of the IEG Jewellery Agenda - which recorded about 650 exhibiting companies in 2017 from all the Italian gold-silver districts. The congress facility has a Congress Centre Auditorium with seating for 950 and was designed by the GMP Studio in Hamburg. The company has organized cultural initiatives and workshops in prestigious locations in the United States, Canada, United Kingdom, Spain, Belgium, Japan, China, Hong Kong, Chile and Argentina.

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