Société Française de Minéralogie et de Cristallographie

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SFMC LAUREATES SCHOLARSHIP FOR THE GOLDSCHMIDT CONFERENCE – PRAGUE – 6–11 JULY 2025

The French Society of Mineralogy and Crystallography Committee attributes 3 scholarships to:

The three laureates: A. Cheviet, R. Havas, and T. Biget between the two SFMC vice-presidents: F. Gaillard (**left**) and H. Bureau (**second from right**) with E. Bruand (SFMC councilor; **right**) during the Goldschmidt conference.

Alban Cheviet (Université Marie et Louis Pasteur, Chrono-Environnement, Besançon). He presented his work about Na-Ca amphibole and aenigmatite assemblages, evidence of contamination of a mafic magma by volatile elements during sill emplacement. This study, based on samples collected during IODP Expedition 385 in the Guaymas Basin, aims to understand the effects of sediment and fluid assimilation on magma differentiation. alban.cheviet@univ-fcomte.fr

Robin Havas (Université de Bourgogne, Laboratoire Biogéosciences). He presented his study entitled, "Untangling the primary biotic and abiotic controls on oxygen, inorganic and organic carbon isotope signals in modern microbialites." He analyzed the carbon and oxygen isotope compositions from bulk and micro-drilled carbonates, as well as bulk organic carbon isotope compositions in microbialites from four Mexican volcanic crater lakes. The results provide a new interpretation framework for microbialite carbonate C isotopes as recorders of the balance between microbialite net primary productivity and the amount of precipitation, which is relates to physico-chemical forcing and reflects the signature of the fluid from which microbialites precipitate. robin.havas@u-bordeaux.fr

Théo Biget (Laboratoire Magma and Volcan, Clermont-Ferrand). He presented his work, "New insights into crustal differentiation using whole-rock and in-situ Sm-Nd isotopes along the Serre crustal section (Calabria, Southern Italy)." He presented an extensive dataset of Sm-Nd isotopic measurements along a 26 km-thick crustal section in Calabria. The main aim is to characterize the Sm-Nd isotopic variability at various scales (outcrop, thin-section, mineral) and to investigate hybridization and lower-crustal processes. theo.biget@gmail.com

Italian Society of Mineralogy and Petrology

www.socminpet.it

DIAMOND AND COLORED STONES: NATIONAL CONFERENCE OF GEMOLOGY – VII EDITION: GEMOLOGICAL CHARACTERIZATION IN SUPPORT OF AN ETHICAL AND TRANSPARENT MARKET

The VII Edition of Diamond and Colored Stones: National Conference of Gemology was held in Naples on June 16–17, 2025

(https://www.rivistaitalianadigemmologia.com/en/7th-conference-of-gemmology-naples-2025/schedule-of-naples-2025-conference/).

The event brought together researchers and professionals from the gemmological sector, united in promoting gemstone characterization to support a more transparent, responsible, and ethical market.

Hosted at the Real Museo Mineralogico of the University of Naples Federico II, the conference provided an ideal setting for reflecting on the present and future of gemology. With over 25 contributions from national and international speakers and the active participation of 120 attendees, the program offered a rich series of thematic sessions addressing key topics in the field.

A dedicated session focused on tourmaline, particularly the Paraíba variety, presenting the latest developments on origin determination, heat treatment analysis, and advanced spectroscopic techniques. The coral session explored critical challenges including environmental sustainability, genetic traceability, and evolving international regulations. The diamond session covered subjects ranging from recent scientific advancements to ethical sourcing and financial evaluation. Further sessions highlighted cutting-edge analytical techniques for gemstone identification, the increasing importance of photomicrography in gemmological analysis, and the critical role of supply chain traceability, from extraction to cutting and final distribution.

This conference served as a valuable platform for knowledge exchange and collaboration between the scientific community and professionals in the precious materials industry. Dedicated space for young researchers and emerging professionals, along with informal networking opportunities set in evocative venues such as the Coral Museum of Torre del Greco, fostered meaningful and lasting connections between academia, industry, and artisanal craftsmanship.

The next edition of the conference is scheduled for 2026 in Pavia.

Riccardo Luppi
(Dipartimento di Scienze della Terra – Sapienza Università di Roma)
Paolo Minieri (IGR – Rivista Italiana di Gemmologia – Italian Gemological Review)
Alessio Langella (Università degli Studi di Napoli Federico II)