



## Palazzo Bo e Centro Culturale S. Gaetano, Padova 23-25 giugno 2025



We are pleased to announce that the 43<sup>rd</sup> National Conference of the Italian Society of Agricultural Chemistry (SICA) will take place in Padua on June 23, 24 and 25, 2025. The conference will focus on the theme of One Health, and on the contribution that Agricultural Chemistry can offer to this holistic vision which considers human health inextricably linked to the quality and safety of food, soil and environmental health, availability of natural resources and safe reuse and recycling of manufactured natural and artificial materials.



The One Health vision is globally recognized as a model to be pursued to ensure the planet and humanity a sustainable global development in the current scenario of unprecedented environmental changes. The SICA, owing to its diverse competences and skills is committed to expanding knowledge and contributing to the realization of numerous specific objectives of the One Health approach, promoting soil and plant health, reducing the environmental impact of agricultural production, devising strategies for maximizing the recycling of matter and energy, and evaluating the quality and safety of primary plant food.



The conference will be organized in five sessions, each introduced by a keynote lecture by international scientists, followed by oral presentations on the topics of soil chemistry and biochemistry, plant biochemistry and physiology, biomass and materials recycling in agriculture and food quality and safety.

The XLIII SICA Conference will continue the experience of the Focus Groups organized and conducted by young researchers for discussing hot topics relevant to the conference main theme.

The Conference will be held in the magnificent heart of Padua at walking distance from all the buildings and monuments belonging to the UNESCO World Heritage Patrimony.

The official language of the conference is English.

## Programme

**Monday June, 23 Palazzo Bo – Sala I. Nievo**

13:00 – 14:00 Meeting of the SICA Executive Board

14:00 - 15:00 Registration and Institutional greetings



**Session 1 – Soil health as basis of healthy environment and resilient agricultural systems**

15:00 - 15:40 **Keynote lecture: Interconnections between soil and human health - Dr Aki Sinkkonen, Natural Resources Institute of Finland (LUKE), Turku, Finland**

15:40 - 17:40 Oral presentations

17:40 - 17:50 Closing of the conference day

18:00 Welcome spritz

**Tuesday June, 24 Centro Culturale S. Gaetano**

08:00 - 9:00 Registration and poster mounting and viewing



**Session 2 Maintenance and enhancement of nutrient use efficiency in agricultural systems: promoting natural nutrient cycling and reducing nutrient losses.**

**9:00 – 9:40 Keynote lecture: Agricultural Solutions for Addressing Hidden Hunger in Human Populations - Prof. Ismail Cakmak, Sabancı University in Istanbul, Turkey**

9:40 - 11:00 Oral presentations

11:00 - 11:30 Coffee break

11:30 - 13:00 Poster viewing

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13:00 - 14:30 Lunch

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**Focus group workshop**

14:30-16:00 SICA Focus group discussion

16:00-16:30 Presentation of Focus Group outcome

16:30-17:00 Coffee break

16:30 - 18:00 General Assembly

18:00 Closing of the conference day



**20:00 Conference dinner**

Ristorante Isola di Caprera



## **Wednesday June, 25 Centro Culturale S. Gaetano**

08:00-9:00 Poster viewing

### **Session 3: Plant health and its contribution to the One Health objectives: from plant biochemistry to the food**

**9:00-9:40 Keynote lecture: Horticultural crop flavor: a trade-off between taste and defense? - Esther van der Knaap, Department of Horticulture, University of Georgia, Athens, USA**

9:40-11:00 Oral presentations

11:00-11.40 Coffee break and poster viewing

11:40-13:00 Oral presentations

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13:00-14:30 Lunch and poster viewing

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### **Session 4: Pollution in the agricultural systems: what risks and what solutions**

**14:30 - 15:10 Keynote lecture: Contamination of the environment by persistent organic pollutants (POPs) and risk to plants/feed and food of animal origin - Dr Roland Weber, POPs Environmental Consulting, Schwaebisch Gmuend, Germany**

15:10 - 16:10 Oral presentations

16:10-16:40 Coffee break

16:40-17:40 Oral presentations

17:40-18.00 Conference closing, awards ceremony, presentation of the XLIV SICA conference

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### **Local Organizing Committee**

Paolo Carletti, Claudia Chiodi, Antonio Masi, Diego Pizzeghello, Silvia Quaggiotti, Laura Ravazzolo, Giancarlo Renella, Piergiorgio Stevanato, Anna Rita Trentin

### **Scientific Committee**

Luisella Celi, Luca Espen, Giovanni Gigliotti, Elio Padoan, Mariarosa Abenavoli, Anita Zamboni, Lucia Guidi, Claudio Marzadori, Antonella Castagna, Paola Castaldi, Giancarlo Renella

## Conference location and programme

The conference location and venue, city map, and travel information will be available on the conference website <https://sica2025.azuleon.org/>.

The final conference programme with sessions and timetable of oral presentations and poster presentations will be available on the conference website <https://sica2025.azuleon.org/>.

## Registration dates and fees, and abstract submission

Registration and submission of abstracts can be done by registering and following the instructions on the conference website <https://sica2025.azuleon.org/>.

The abstract submission will be enabled only after the payment of the conference fees, and the upload of only one abstract per registered participant will be allowed.

**The abstract submission will open on March 10, 2025 and will close on May 9, 2025.**

Registration fees and deadlines are:

Deadlines	SICA members		Non SICA members		Companies
	Senior scientists	Students/Fellows	Senior scientists	Students/Fellows	
March 10 – April 24, 2025	€ 360,00	€ 200,00	€ 400,00	€ 240,00	€ 450,00
April 26 – May 9, 2025	€ 400,00	€ 240,00	€ 440,00	€ 280,00	€ 490,00
<b>Conference dinner</b>	€ 60,00				

Conference fees must be paid by bank transfer or credit card on the bank account indicated in the reserved area of '*mySICA2025*' of the conference website.

For complete the registration you must create your account, indicate the name of the participant, the reason for payment, and your employment status.

Registration fees include full access to all conference sessions, participant kit, meals, and coffee breaks at the congress venue, details for the access to the certificate of attendance and electronic abstract book.

For any further information, please contact [SICA.2025@azuleon.org](mailto:SICA.2025@azuleon.org)