

Second circular

XXIX Congress of the Italian Phytopathological Society

09 - 11 September 2024

Conference hall of the Sociology and Social Research Department – University of Trento,

Via Giuseppe Verdi 26 - 38122 Trento.

Dear colleagues,

We are pleased to announce the key details and deadlines of the **XXIX SIPaV Congress**, organized by the **Center Agriculture Food Environment (C3A) of the University of Trento**. We think that the topic of the Congress, "**The new challenges for Plant Pathology between sustainability of agri-food production and climate change**", can rise the interest of the young SIPaV researchers approaching the world of Plant Pathology. At the same time, we hope it can trigger the enthusiasm of the senior researchers on the sustainability of agri-food production in the context of climate change. In addition, the Congress represents a valuable opportunity for all of us to share new ideas, establish collaborations, and gain new research experiences.

The scientific program of the Congress is enriched by the talks of three internationally renowned researchers, each providing significant contributions to different fields of plant pathology. Their talks will provide insightful and thought-provoking, further enhancing the prestige of the event.

We look forward to welcoming you in Trento!

The Organising Committee

<i>Scientific Committee</i>	<i>Organising Committee</i>
Gerardo Puopolo	Gerardo Puopolo
Ilaria Pertot	Ilaria Pertot
Paola Battilani	Marco Camardo Leggieri
Laura Mugnai	Laura Salvetti
Davide Giovanardi	Michele Perazzolli
Francesco Vinale	

IMPORTANT DATES

May 6th:	Registration opens
May 6th – June 21st:	Abstract submission and early registration for all participants
May 6th - June 1st:	Sending abstracts and CVs of candidates for the "Young Researchers in training" award
June 10th:	Results of the "Young Researchers in training" selection
June 21st – August 26th:	Regular registration for all participants
July 8th:	Final decision on oral/poster contributions
August 26th:	Registration and payments by bank transfer and credit card close.

REGISTRATION

Registrations will open on **May 6th** and close on **August 26th, 2024**.

To register, the **online form** should be filled at the following link:

<https://www.orkata.it/2024/registrazione-sipav.php>

For updated information, we recommend visiting the site: <https://event.unitn.it/sipav2024trento/>

- For specific requests regarding **the program and abstracts**, contact the Secretariat of the XXIX SIPaV Congress: sipavtrento@unitn.it
- For specific requests relating to **SIPaV registration**, contact the SIPaV Secretariat: segreteria@sipav.org
- For specific requests relating **to registration and payments** for the congress, contact the **Orikata** agency: sipav2024trento@orkata.it

ACCOMODATION

The reservation must be made autonomously by the participants. Trento is a very touristic city and there are numerous options in hotels, B&Bs, farmhouses in the city and nearby, **but September is a very busy month, therefore we recommend booking your accommodation well in advance!** In addition to international platforms such as [Airbnb](#), [Booking](#), [Trivago](#), etc., you can also find a wide choice on the website www.visittrentino.info

REGISTRATION FEES

Participants	Early bird Registration		Regular Registration	
	<i>Before June 21st, 2024</i>	<i>Social dinner included</i>	<i>After June 21st, 2024</i>	<i>Social dinner included</i>
Members of SIPaV, AIPP, APS	350 €	400 €	400 €	450 €
Non-members of SIPaV, AIPP, APS	400 €	450 €	450 €	500 €
PhD students, post-doc, master students	100 €	150 €	200 €	250 €
Accompanying person		50 €		50 €

The registration fee includes the conference bag, the electronic book of abstracts, coffee breaks, welcome aperitif, and lunch. Registration fees are expressed in EURO and are VAT INCLUDED. The fee for Accompanying person includes the social dinner.

N.B. The payment of the SIPaV membership fee must be made **SEPARATELY from registration for the Congress** by bank transfer to the account held in the name of SIPaV or by debit or credit card at **the SIPaV desk during the Congress**. For further information on the membership fee, contact the SIPaV secretariat (segreteria@sipav.org) or visit [SIPaV website](#)

PAYMENT BY BANK TRANSFER

In case of payment with bank transfer, to complete the registration, participants **must** send a copy of the same via e-mail to sipav2024trento@orikata.it or via fax (+ 39 0461 824251).

Bank transfer details:

- Name of the bank: Banca Sella Spa
- Accountholder: Embi Services Snc
- IBAN: IT 510 03268 60160 052443850131
- BIC/SWIFT SELBITIT2BXXX
- Specify in the **payment reason**: "XXIX SIPaV Congress" followed by the participant's name.

Once your registration is complete, participants will receive a confirmation from the **OriKata agency** (sipav2024trento@orikata.it). The agency is in charge for managing the registration process and ensuring all payments are received.

VAT INFORMATION FOR INVOICING PROCEDURES

Please remember that:

- EU or NON-EU institutions or companies must pay the registration fee, excluding VAT.
- EU or NON-EU private individuals are obligated to pay the VAT-inclusive registration fee.

Public entities that register their employees must request VAT exemption. Once the invoice has been issued, any modification involving a credit note or a new one with a different heading will be charged a sum equal to EURO 30.00 + VAT. If the organization does not pay by the start of the Congress, payment must be made by the participant, who will receive an invoice addressed to the organization.

BILLING OF MEMBERSHIP FEES TO PUBLIC ENTITIES

For participants who will be registered with the fee paid by public bodies, please send the information needed to issue the invoice to the organizational secretariat (sipav2024trento@orikata.it):

unique code of the institution, order form, any cig cup, split payment, or VAT exemption regime.

Payment will be due after sending the requested documentation and issuing an invoice by the secretariat.

The participant must complete the online registration form following the required procedures.

FREE REGISTRATION FOR YOUNG RESEARCHERS IN TRAINING

SIPaV will offer free registration to the XXIX SIPaV Congress, membership to the Society, and online access to the *Journal of Plant Pathology* for three years to a maximum of 20 Young Researchers in training. Fellows must be author or co-author an abstract to present at the Congress. Candidates will be selected based on their *Curriculum Vitae (CV)* considering past and present research activities. Candidates must send their CVs in the standard European format (Europass) by the deadline of **June 1st, 2024**, to sipavtrento@unitn.it, with the abstracts prepared following instructions in this circular. The object of the email must be "**Young researcher in training**". The selection will be made by a committee composed of the SIPaV President, the SIPaV Vice President, and a member of the Scientific Committee of the Congress.

The results of the selections will be communicated to the 20 selected Young Researchers by **June 10th, 2024**.

PROGRAMMA PRELIMINARE

Monday 09 September

- 12:00-14:30 Registration of participants and hanging posters
14:30-15:00 Opening of the XXIX SIPaV Congress
15:00-15:30 *Invited talk:*
“Assessing past and future climate change from planetary to regional scales”
Dino Zardi – Department of Civil, Environmental and Mechanical Engineering, University of Trento
15:30-18:00 First session – Italian Society of Plant Pathology: Looking to the future
15:30-16:00 SIPaV Award – “**Giovanni Scaramuzzi**” 2023-2024
16:00-16:30 SIPaV Awards: “**Giovani ricercatori in formazione**” 2023-2024
16:30-17:00 Coffee break
17:00-17:45 Journal of Plant Pathology and SIPaV Awards: “**Fresh Ideas in plant health: the latest research from young plant pathologists**”
17:45-18:00 **Eupresco III**: Strengthening phytosanitary research programming and collaboration: from European to global phytosanitary research coordination
18:00-20:00 Welcome aperitif at the Department of Sociology and Social Research, University of Trento, Via Giuseppe Verdi 26 - 38122 Trento.
20:00-21:00 Walking tour in Trento (only in case of good weather and optional) and free dinner

Tuesday 10 September

- 9:00-9:30 *Invited talk:*
“Climate change impacts on crop pests and pathogens”
Dan Bebber – Department of Biosciences, University of Exeter, United Kingdom
9:30-11:30 Second session - Epidemiology and plant disease diagnosis
11:30-12:00 Coffee break
12:00-13:00 Poster session
13:00-14:00 Light lunch
14:00-14:30 *Invited talk:*
“Cyclic lipopeptide producers in the *Pseudomonas asplenii* and *corrugata* subgroups: mutualists or pathogens?”
Monica Höfte – Department of Plants and Crops, University of Gent, Belgium
14:30-16:00 Third session - Innovative approaches to study plant-microbe interactions
16:00-16:30 Coffee break
16:30-17:00 Poster session
17:00-18:30 General Assembly of SIPaV members
20:30 Social dinner

Wednesday 11 September

- 09:00-09:30 *Invited talk:*
“The plant microbiome: from rhizosphere to seeds and applications to improve crop performance”
Angela Sessitsch – Austrian Institute of Technology (AIT), Austria
09:30-11:30 Fourth session – Phytobiome and sustainable plant disease management
11:30-12:00 Coffee break
12:00-12:30 Best poster award and closing of XXIX SIPaV Congress

ABSTRACT SUBMISSION

Abstract must be sent in Word format (.doc or .docx) using the file provided as a template by **June 21st, 2024**, using the following link:

<https://forms.gle/YXfesAewxPkuvHpk6>

The document must comply with the required formatting rules. Please note that **abstracts sent after this deadline will NOT be considered**. A confirmation email will be sent to the sender upon receiving the abstract. Please indicate whether you prefer to present your work as a poster or oral communication and the name of the presenting author. The final decision regarding accepted contributions, as oral or poster, will be taken by the Scientific Committee of the Congress and communicated to the corresponding author by **July 8th, 2024**. All abstracts positively evaluated by the Scientific Committee will be published in the *Journal of Plant Pathology* if the presenting author is registered at the Congress.

Declaration of authors of abstracts

By submitting the abstract, you agree to the following:

- All information is correct; the content of the abstract cannot be modified or corrected after final submission.
- Submission of the abstract received the consent of all authors to publication (e.g. Congress website, programs, other distribution channels, etc.).
- The author who presents the contribution is registered as a participant in the Congress.
- The organizers reserve the right to remove from publication and/or presentation an abstract that does not comply with the above.

Abstracts must observe to the following format, and for your convenience, we recommend using the default template available for download from the site: <https://event.unitn.it/sipav2024trento/>

Margins:	2.5 cm
Language:	English
Title:	Times New Roman, 12 pt, bold
Authors:	Initials Name Surname, Times New Roman 11 pt, bold
Affiliation(s):	Times New Roman 10 pt, italics, including corresponding author's email address
Text:	Times New Roman 11 pt, one paragraph, 250 words max, scientific names in justified italics
Literature cited:	Not allowed
Funding information (optional):	Times New Roman 10 pt, italics

Example of abstract

Volatile-mediated inhibitory activity of the biocontrol agent *Lysobacter capsici* AZ78: a result of multiple factors interaction

A. Vlassi¹, A. Nesler², A. Parich¹, R. Schuhmacher¹, G. Puopolo^{3,4}

¹Department of Agrobiotechnology (IFA-Tulln), Institute of Bioanalytics and Agro-Metabolomics, University of Natural Resources and Life Sciences Vienna (BOKU), Tulln, Austria; ²Bi-PA nv (Biological Products for Agriculture), Londerzeel, Belgium; ³Center of Agriculture, Food, Environment, University of Trento, San Michele all'Adige, Italy; ⁴Research and Innovation Centre, Department of Sustainable Agro-Ecosystems and Bioresources, Fondazione Edmund Mach, San Michele all'Adige, Italy. E-mail: gerardo.puopolo@unitn.it

Plant beneficial rhizobacteria are able to inhibit the growth of soilborne phytopathogenic fungi and oomycetes through the release of a relevant number of volatile compounds. Based on this, we investigated the ability of the biocontrol agent *Lysobacter capsici* AZ78 (AZ78) to produce volatile organic compounds (VOCs) that may contribute to its efficacy in controlling soilborne phytopathogenic fungi and oomycetes. AZ78 significantly reduced the growth of *Pythium ultimum*, *Rhizoctonia solani* and *Sclerotinia minor* through the release of VOCs in split Petri dish assays. The GC-MS analysis revealed that AZ78 produced 22 VOCs and most of them were putatively identified as mono- and dialkylated methoxypyrazines. Exposure to 2,5-dimethylpyrazine, 2-ethyl-3-methoxypyrazine and 2-isopropyl-3-methoxypyrazine determined a drastic reduction of *P. ultimum*, *R. solani* and *S. minor* mycelium growth in split Petri dish assays. However, a remarkable difference between the toxicity of the pyrazines and the AZ78 total volatile blend was observed. This difference led us to further investigate the volatile-mediated inhibitory activity of the biocontrol bacterium. Further experiments revealed the ability of AZ78 cells to produce ammonia that caused the alkalization of the physically separated growth medium in split Petri dishes assays. As a consequence, the mycelium growth of the tested phytopathogenic fungi and oomycetes was negatively affected on the alkalized growth medium. Results achieved in this work clearly showed that volatile-mediated inhibitory activity of AZ78 mainly relies on the interaction between the toxicity of VOCs, ammonia and the alkalization of growth medium.

This work was supported by European Union's Horizon 2020 Research and Innovation Program under the Marie Skłodowska-Curie grant agreement no. 722642 (project INTERFUTURE).

HOW TO GET TO TRENTO

By car

Trento can be reached via the **A22 Brennero-Modena motorway**, and there are two motorway exits: Trento Sud and Trento Nord, while the Trento Centro exit is open only for entry. You can find information on the traffic on [Viaggiare in Trentino](#)

N.B. The Trento city center is a ZTL-limited traffic zone accessible only to authorized vehicles. [Here](#) is the map.

Parking lots

All information is available on the municipality's **webpage** on [parking](#). Paid parking areas in the city center are visible on the myCicero App.

Indoor paid parking

[Garage Autosilo Buonconsiglio P 3](#)

[Garage Parcheggio Duomo P 5](#)

[Garage Piazza Fiera P 4](#)

Free outdoor parking

[Parcheggio Area Ex Zuffo P 9](#)

[Parcheggio Via Monte Baldo P 8](#)

[Parcheggio Ghiaie Via Fersina](#)

[Parcheggio Area ex Italcementi](#)

By train

The [Trento train station](#) is closed to the city center and the conference venue. Trento is served by long-distance and regional trains operated by [Trenitalia](#), [Italo](#) e [DB-ÖBB](#)

By plane

Trento can be reached by plane by stopping at:

- **Verona, “Valerio Catullo” Airport** - Connections are for example with Bari, Brindisi, Cagliari, Catania, Lamezia Terme, Naples, Palermo and Rome. The airport is connected to the Verona Porta Nuova railway station by [bus service](#). From the station, you can take high-speed or regional trains to reach Trento
- **Bolzano, “Dolomiti” Airport** - Hosts regional airline Air Alps flights. Connections are for example with Brindisi, Cagliari, Catania, Lamezia Terme, and Olbia. Bolzano train station can be reached using [SASA public buses](#). From the station, you can take high-speed or regional trains to reach Trento
- **Venezia, “Marco Polo” Airport** - It offers more than a thousand weekly connections with all the main Italian and European cities. The airport is located 163 km away from Trento, which can be reached by renting a car or using [scheduled buses](#)
- **Bergamo-Orio al Serio, “Caravaggio” Airport** - The main Italian airport for low-cost airlines. It is 180 km from Trento, which can be reached by renting a car or using [scheduled buses](#)