

Terza circolare

XXX Convegno della Società Italiana di Patologia Vegetale, 15-17 settembre 2025

**Auditorium 'Giancarlo De Carlo' Dipartimento di Scienze Umanistiche (DI.S.UM.),
Università di Catania, Monastero dei Benedettini di San Nicolò l'Arena, Piazza Dante
Alighieri 32, 95124 Catania**

Cari Partecipanti,

siamo prossimi all'apertura del **XXX Convegno della Società Italiana di Patologia Vegetale (SIPaV)**, organizzato dal Dipartimento di Agricoltura, Alimentazione e Ambiente (Di3A) dell'Università di Catania, che si svolgerà a Catania dal 15 al 17 settembre 2025. Il tema del Convegno *"La Salute delle Piante: Contributi della Patologia Vegetale per un Futuro Sostenibile"* ha catturato l'attenzione di un numero rilevante di ricercatori italiani, europei ed extra-europei: abbiamo ricevuto 300 iscrizioni. Il programma prevede l'intervento di quattro *invited speakers* di fama internazionale e sei sessioni che accoglieranno **40 Presentazioni Orali** e **20 Flash Talks**. Il convegno sarà inoltre arricchito da tre sessioni poster che vedranno l'esposizione di **198 posters**. Ci auguriamo che la discussione di tutti i lavori sarà foriera dell'inizio di nuove collaborazioni tra gruppi di ricerca. La partecipazione di un numero importante di giovani ricercatori ci spinge ad augurarci che il Convegno possa essere un buon momento per la loro crescita professionale. Durante il Convegno verrà assegnato il Premio SIPaV **"Giovanni Scaramuzzi 2025"** per la migliore tesi di dottorato in Patologia Vegetale, mentre i migliori poster saranno premiati con il **"Best Poster Award"** nella giornata conclusiva.

Vi aspettiamo a Catania per dare avvio insieme al XXX Convegno SIPaV!

Comitato scientifico

Giancarlo Polizzi
Paola Battilani
Santa Olga Cacciola
Vittoria Catara
Vladimiro Guarnaccia
Gerardo Puopolo
Luisa Rubino

Comitato organizzatore

Giancarlo Polizzi
Gabriella Cirvilleri
Santa Olga Cacciola
Vittoria Catara
Antonella Pane
Matilde Tessitori
Alessandro Vitale
Dalia Aiello
Giorgio Gusella
Marco Camardo Leggieri

Selezione “Migliori Poster SIPaV 2025”

Nel corso del convegno, il Comitato Scientifico **assegnerà i premi per i migliori poster presentati da giovani ricercatori/trici**

I criteri utilizzati nella selezione saranno:

- Qualità del contenuto scientifico del lavoro
- Organizzazione logica delle informazioni, correttezza e leggibilità del testo
- Originalità del layout grafico del poster e qualità comunicativa delle figure

Poster

I poster dovranno avere dimensioni pari a 70 cm × 100 cm (L × H) e possono essere redatti inserendo il logo disponibile sul sito del Convegno. I poster resteranno affissi per tutta la durata del convegno. Sono previste tre sessioni poster: Sessione 1, poster da 1 a 60, Sessione 2, da 61 a 120 e Sessione 3, da 121 a 198. Agli espositori è chiesto di stare accanto al proprio poster durante la sessione a loro dedicata prevista nel programma.

I pannelli di supporto saranno allestiti nel Chiostro di Levante e saranno contraddistinti con un numero progressivo corrispondente a quello assegnato a ciascun poster, come nella lista riportata nel “Book of abstracts”, che potrà essere scaricato sui vostri dispositivi tramite QR Code. Il materiale per l'affissione dei poster sarà fornito dalla segreteria organizzativa.

Comunicazioni orali

Le comunicazioni saranno articolate in due tipologie: Flash Talk (FT), relazioni brevi della durata di tre minuti, presentate dai/dalle vincitori/trici del premio 'Giovani Ricercatori in Formazione', seguite da una sessione di domande e risposte di due minuti; e Oral Presentation (OP), relazioni orali per le quali ciascun relatore disporrà di 10 minuti per l'esposizione, seguiti da 3 minuti dedicati alle eventuali domande

PROGRAMMA

Lunedì 15 Settembre

- 8:00-9:30 **Registrazione e allestimento poster**
Welcome Coffee
- 9:30-10:00 Apertura del XXX Convegno della Società Italiana di Patologia Vegetale (SIPaV)
Francesco Priolo, *Rettore dell'Università di Catania*
Mario D'Amico, *Direttore del Dipartimento di Agricoltura, Alimentazione e Ambiente*
Paola Battilani, *Presidente della Società Italiana di Patologia Vegetale (SIPaV)*
- 10:00-10:30 *Relazione su invito*
Crop Health: a multidisciplinary system approach to reduce the use of agrochemicals
Alessandra Gentile, *Coordinatore UNICT per il progetto AGRITECH, Dipartimento di Agricoltura, Alimentazione e Ambiente, Università di Catania*
- 10:30 – 12:30 **Sessione 1: Sustainable Strategies for Plant Disease Management**
Moderatori: Roberta Marra, Giorgio Gusella
- Presentazioni Orali (OP): Contributi Agritech*
- OP1 Capacity of yeast-derived products to enhance grapevine immunity and tolerance to combined drought and *Botrytis cinerea* infection**
A.G. Ilesanmi, C. Gonzalez-Dehennault, M. Lucchetta, I. Busato, F. Meggio, M. Marangon, M. Perazzolli, R. Musetti, L. Sella, F. Favaron, S. Tundo
- OP2 Environmentally friendly RNAi-based control of grapevine powdery mildew**
M. Karas, F. Negrini, R. Baroncelli, X. Chen, F. Pacini, E.G. Kabeto, L. Capriotti, S. Sabbadini, B. Mezzetti, E. Baraldi
- OP3 Mitigating the impact of soil salinity on tomato crops: unveiling the role of soil microorganisms**
M.I. Prigigallo, S. Pirra, G. Bubici
- OP4 The effect of biological control agents on peach fruit infected by *Monilinia laxa*: biochemical and molecular analyses**
A. Lizzio, V. Battaglia, E. Lahoz, M. Reverberi, M. Petriccione
- OP5 Application of antimicrobial peptides for the control of grapevine flavesence dorée phytoplasma**
E.G. Kabeto, M. Karas, F. Pacini, X.Q. Chen, T.Q. Gao, F. Pizzuti, C. Lanzoni, C. Marzachi, L. Galetto, D. Bosco, B. Mezzetti, S. Sabbadini, L. Capriotti, L. Landi, P. De Angeli, R. Musetti, S. Favia, M. De Zotti, E. Baraldi, C. Ratti
- OP6 Exploring *Hermetia illucens* frass as a new source of bacteria with potential antifungal and plant growth promoting activity**
L. Coviello, M. Nuzzaci, J. De Smet, J. Ceusters, C. Scieuzo, P. Falabella, D. Ronga, A. Vitti
- OP7 Genetic variability within *Diaporthe amygdali* populations in almond orchards in Apulia (Southern Italy)**
A. Agnusdei, F. Dalena, P.G. Lucchese, P. Tancredi, F. Faretra, S. Pollastro, D. Gerin

OP8 Microbial biocontrol agents reprogram tomato response to pests and pathogens: a multi-omics perspective

M. Sinno, I. Di Lelio, G. Manganiello, M. Ranesi, G.S. Falconieri, A. Pascale, A. Becchimanzi, M. Sulli, G. Diretto, F. Pennacchio, M. Lorito, S. Proietti, S.L. Woo

OP9 A MultiOmics approach for better understanding and comprehensive management of durum and soft wheat kernels quality and safety in the Italian Peninsula

L. Lascala, M. Beccaccioli, S. Frasca, M. Kratter, V. Cecchetti, C. Manetti, M. Reverberi

12:30-13:30 **Light lunch**

13:30-14:30 **Sessione Poster 1** – Discussione in presenza dei poster da 1 a 60

14:30-16:30 **Sessione 2: Sustainable Strategies for Plant Disease Management**

Moderatori: Stefania Somma, Daniele Schiavi

Flash Talks (FT) da “Giovani Ricercatori in Formazione”

FT1 Improved tolerance to grey mold of tomato plants fertigated with micronutrient amounts of zinc

V. Artico, I. Battisti, L. Sella, S. Tundo, G. Dal Corso, B. Molesini, T. Pandolfini, G. Arrigoni, R. Musetti, A. Furini, F. Favaron

FT2 Sustainable control of *Plasmopara viticola* in grapevines via SafeWax: a bioinspired passive coating strategy

A. Brannetti, M.A. Ibanez Revert, N. Ben-Arie, I. Polishchuk, B. Pokroy, S. Fermani, I. Filippetti, C. Ratti, E. Baraldi

FT3 Unveiling the antibacterial potential of eucalyptus-based nanoparticles: a game-changer in crop bacterial disease management

M. Pinto, C. Soares, A. Ribeiro, T. Andreani, F. Fidalgo, F. Tavares

FT4 Varietal susceptibility and biological approaches for the management of *Albugo occidentalis* in Spinach cultivated in the Capitanata Area

P. Marino, A. Carlucci, M.L. Raimondo, F. Lops

FT5 Plant products as putative botanical fungicides assayed *in vitro* and *in vivo* conditions against fungal soilborne pathogens on fennel seedlings

M.G. Morea, T. Conte, G. Ricciardi, D. Paulicelli, P. Morea, A. Carlucci

FT6 *Salvia* spp. extracts contain bioactive terpenoids against grapevine downy mildew

A. Smaldone, O. Giovannini, M. Oberhuber, P. Robatscher, M. Perazzolli

Presentazioni Orali

OP10 Italian peanuts: an integrated approach to ensure safety and sustainability

M. Crosta, M. Camardo Leggieri, P. Battilani

OP11 Metabolomics-guided optimization of *Trichoderma*-based bioformulates for sustainable crop improvement in grapevine and sorghum

A. Staropoli, D. Lotito, L. Izzo, V. Battaglia, E. Lahoz, S.L. Woo, M. Lorito, F. Vinale

OP12 *Diaporthe amygdali* inside out: leveraging genetic insights for sustainable and precision control strategies

S. Turco, F. Brugnati, A. Cardacino, M. Cirilli, A. Mazzaglia

OP13 Antifungal factors or resistance elicitors? Role of polycyclic tetramate macrolactams in the biological control of *Peronospora belbahrii* and *Plasmopara viticola* by *Lysobacter capsici* AZ78

A. Dinesh Kothari, S. Nadalini, M. Masi, A. Cimmino, I. Pertot, G. Puopolo

OP14 Circular plant protection measures against Xanthomonadaceae plant pathogens: antibacterial potential of pomegranate peel extract and cellulose nanocrystals

M.A. Muawiya, D. Schiavi, L. Felici, C. Miccoli, D. Rongai, M.R. Eciya, L. Moll, B.B. Landa, G.M. Balestra

OP15 Combined *Trichoderma-Clonostachys* reduce *Fusarium* head blight infection and mycotoxin content of wheat under greenhouse conditions

A. Petrucci, S. Conlan, S. Sarrocco, D.B. Collinge, B. Jensen

OP16 Integrated control strategies for managing crown and fruit rot of pomegranate caused by *Coniella granati* in Southern Italy

M.L. Raimondo, G. Ricciardi, T. Conte, A. Carlucci, F. Lops

16:30-17:00 **Coffee Break**

17:00-19:00 **Società Italiana di Patologia Vegetale e Journal of Plant Pathology**

Moderatori: Paola Battilani – Presidente SIPaV, Laura Mugnai – Vice Presidente SIPaV

Premio SIPaV “Giovanni Scaramuzzi” 2025

Premi Journal of Plant Pathology e SIPaV: “Fresh Ideas in plant health: the latest research from young plant pathologists”

Sabrina Sarrocco, *Editor del numero speciale di JPP*

Tre Decenni di Scienza e Passione: Storia della SIPaV e dei suoi Convegni Giovanni Vannacci, *già presidente SIPaV*

Le Sfide di Agritech nella Ricerca e nella Formazione

Matteo Lorito, *Rettore dell’Università di Napoli Federico II, Presidente Centro Nazionale Agritech*

19:00 **Welcome Cocktail**

Chiostro di levante, Monastero dei Benedettini

Martedì 16 Settembre

08:30-10:00 **Sessione 3: Diagnosis and Characterization of Plant-Associated Pathogens**

Moderatori: Alessandra Di Francesco, Dario Gaudioso

Flash Talks da "Giovani Ricercatori in Formazione"

FT7 A new molecular seed detection method to quantify *Ustilago nuda* and reduce prophylactic seed treatments

C. Panzetti, E. Jenny, I. Bänziger, A. Kägi, S. Vogelgsang, T. Hebeisen, P. Büttner, D. Croll, F. Widmer, K. E. Sullam

FT8 Exploiting actinomycete biodiversity in Arctic soils to find new biocontrol agents of fungal pathogens

L. Pisoni, S. Viganò, C. Pizzatti, A. Kunova, P. Cortesi, M. Pasquali, M. Saracchi, L. Bertini, C. Caruso, D. Bulgari

FT9 Image-based time series analysis for the early evaluation of the biocontrol efficacy of *Trichoderma gamsii* T6085 on Fusarium head blight disease progression in wheat

D. Mencarini, A. Petrucci, G. Del Cioppo, S. Poque, K. Himanen, K. Mäkinen, S. Sarrocco

FT10 Strains of *Aureobasidium pullulans* from extreme environments: new potential biocontrol agents?

M. Lucci, N. Khomutovska, G. Firrao, A. Di Francesco

FT11 Genetic insights of *Aspergillus flavus* population in Azerbaijan and perspectives on the use of aflatoxin biocontrol products

A. Casu, K.A. Callicott, H.L. Mehl, P. Battilani

Presentazioni Orali

OP17 Botryosphaeriaceae and *Phytophthora* species involved in the decline and mortality of ornamental trees on Albarella Island (Italy)

C. Bregant, M. Piccioni, C. Antonelli, L. Montecchio, M. Narduzzi, A.M. Vettraino, B.T. Linaldeddu

OP18 Advancing plant health monitoring: nanopore sequencing for quarantine pathogen diagnostics

V. Crosara, V. Scala, M. Reverberi, N. Pucci, L. Faino, S. Loreti

OP19 Invisible foes: cutting-edge non-destructive diagnostics for quarantine pathogens in legume seeds in a globalized market

D. Gaudioso, L. Calamai, C. Pastacaldi, C. Beltrami, L. Cavigli, G. Agati, S. Tegli

OP20 Assessing the spread and impact of candidate priority pests to support risk management in the EU: EFSA's method and results

A. Nougadère, M. Scala, S. Tramontini, E. de la Peña, G. Gilioli, D. Makowski, A. Mastin, S. Parnell, S. Vos

OP21 Innovative e-probe detection of 11 viruses infecting tomato using e-probes diagnostic nucleic-acid analysis and microbe finder (EDNA-MiFi)

A. Ragona, D. Ramos-Lopez, A.S. Espindola, E. Yahyaoui, S. Davino, F. Ochoa-Corona

10:00-11:00 **Sessione Poster 2 & Coffee break** – Discussione in presenza dei Poster da 61 a 120

11:00-11:30 *Relazione su invito*

Koch's postulates in a microbiome era

Carolee T. Bull, Department of Plant Pathology and Environmental Microbiology, Pennsylvania State University, University Park, USA

11:30-13:00 **Sessione 4: Molecular Interactions and the Plant Microbiome**

Moderatori: Elodie Vandelle, Donato Gerin

Flash Talks da "Giovani Ricercatori in Formazione"

FT12 Seed treatment with bacterial and fungal endophytes modulates transcriptional and phenotypic responses of rice to *Fusarium fujikuroi*

S. Bosco, G. Mannino, M. Mezzalama, C. Berteà, D. Spadaro

FT13 Characterization of the MAT1 locus involved in the sexual behaviour in isolates of *Podosphaera xanthii* from south Italy

M. Crudele, P.R. Rotondo, P. Loizzo, S. Laera, C. Laguardia, S. Pollastro, R.M. De Miccolis Angelini, F. Faretra

FT14 Early insights into spore germination and compatibility between *Trichoderma gamsii* and *Clonostachys rosea* under stress conditions: toward dual biocontrol of *Fusarium* head blight

A. Dalli, A. Petrucci, S. Sarrocco, B. Jensen, D.B. Collinge

FT15 RNAi-based control of *Stemphylium vesicarium* in pear: genomic insights into host specificity

X.Q. Chen, T.Q. Gao, M. Karas, F. Pacini, E.G. Kabeto, R. Baroncelli, E. Baraldi

FT16 Sieve element cell wall composition and sugar transport are strictly interconnected and affect Micro-Tom tomato plant response to 'Candidatus *Phytoplasma solani*'

S. Favia, O.C. Viscardo, K. Konate, S. Tundo, L. Sella, F. Favaron, R. Musetti

Presentazioni Orali

OP22 Deciphering the impact of different belowground pathogens on the aboveground bacterial microbiome in tomato plants

E. Francomano, M.M. Aci, M. Casuscelli, L. Schena, A. Malacrino

OP23 What happened to the grapevine microbiome? Spontaneous grapevines as reference standard

G. Del Frari, F. Marroni, M. Guazzini, F. Marcolin, S. Ponte, R. Boavida Ferreira, G. Zdunic, G. Di Gaspero, M. Morgante

OP24 Deciphering FHB infection: the metabolomics-driven quest for sustainable wheat protection

S. Risoli, T. Rypar, M. Doppler, C. Bueschl, B. Seidl, A. Parich, G. Adam, L. Cottozzi, C. Nali, P. García-Pérez, S. Sarrocco, E. Pellegrini, L. Lucini, R. Schuhmacher

OP25 A dual-function metabolite from *Beauveria bassiana* shapes plant-pathogen interactions

M. Ranesi, S. Vitale, A. Staropoli, L. Di Costanzo, M. Lorito, S.L. Woo, F. Vinale, D. Turrà

OP26 Streptomyces as biocontrol agents against *Fusarium oxysporum* f.sp. *lycopersici* and *Fusarium graminearum* in tomato and wheat crops

V. Mattei, G. Franzoni, C. Muratore, K. Sergeant, C. Pizzatti, D. Bulgari, A. Kunova, M. Saracchi, P. Cortesi, G. Cocetta, L. Espen, J. Renaut, A. Ferrante, B. Prinsi, M. Pasquali

13:00-14:00 **Light lunch**

14:00-14:30 *Relazione su invito*

Building resilience to insect-vectored plant pathogens

Saskia A. Hogenhout, John Innes Centre, Norwich Research Park, Norwich, UK

14:30-15:30 **Sessione 5: Molecular Interactions and the Plant Microbiome**

Moderatori: Valeria Scala, Lorenzo Cottozzi

Presentazioni Orali

OP27 Investigations on resistance to agents of grapevine yellows in different pathosystems

M. Schillaci, D. Danzi, G. Gambino, L. Galetto, F. Cavagna, S. Palmano, A. Polverari, C. Marzachi

OP28 Decoding the Regulatory Role of PsrR3, a LuxR Solo, in *Pseudomonas syringae* pv. *actinidiae* virulence

I. Lucato, A. Regaiolo, D. Danzi, R. Heermann, A. Polverari, E. Vandelle

OP29 Sophisticated Sabotage: how phytoplasma effectors manipulate their host plant's cell fate and metabolism

C. Malfertheiner, S. Egger, M. Raffener, C. Mittelberger, B. Hause, T. Letschka, S. Üstün, K. Janik

OP30 Deciphering molecular mechanisms in the interactions of '*Candidatus* Phytoplasma solani' with its experimental herbaceous hosts

W. Acosta Morel, A. Moussa, P. Bianco, C. Bernardini, P. Ermacora, F. Quaglino, M. Martini

OP31 Interkingdom interactions: transcriptional reprogramming of tomato by beneficial and harmful organisms

F. Palomba, M.M. Monti, M. Novero, V. Bianciotto, S. Ghignone, E. Lumini, D. D'Esposito, A. Salvioli, P. Bonfante, M. Ruocco

15:30-18:30 **Sessione Poster 3 & Coffee break** – Discussione in presenza dei poster da 121 a 198

- 16:30-18:30 **Assemblea Generale** dei soci SIPaV
- 20:30 Cena Sociale presso 'RADICEPURA – Horticultural Park' Via Fogazzaro 19, Giarre (Catania)
- I bus per la cena sociale partiranno alle ore 19:00 da Via Etnea, 72 ad angolo con Via A. Di Sangiuliano, punto chiamato "I Quattro Canti", a 8 minuti a piedi dalla sede congressuale.*
- Per facilitare il rientro in hotel al ritorno, i bus effettueranno più soste: Piazza Borsellino, Via Umberto ad angolo con Via Etnea, Piazza Giovanni XXIII (su richiesta).*

Mercoledì 17 Settembre

- 8:45-10:00 Open coffee
- 9:00-09:30 *Relatore su invito*
Making sense of the NLR immune receptor alphabet soup
Sophien Kamoun, *The Sainsbury Laboratory, UK*
- 09:30-12:00 **Sessione 6: Emerging Plant Pathogens and Epidemiological Trends**
Moderatori: Marco Camardo Leggieri, Guglielmo Gianni Lione
- Flash Talks da "Giovani Ricercatori in Formazione"*
- FT17 From observations to forecast: advancing aflatoxin risk prediction with seasonal climate projections**
D. Balkova, R. Raj, H. Rieder, M. Camardo Leggieri, P. Battilani
- FT18 Twig canker and shoot blight of peach in Italy: the role of *Diaporthe amygdali* and a cultivars tolerance screening**
F. Brugneti, L. Rossini, M. Cirilli, A. Cardacino, A. Mazzaglia, S. Turco
- FT19 The role of EFSA commodity risk assessments in identifying high-risk plant pathogens**
M.F. Lombardo, C. Gardi, G. Stancanelli
- FT20 Unraveling the pathogenicity of *Pseudomonas syringae* pv. *syringae* Italian strains causing severe wilting in eggplants**
M. Paglialunga, B. Orfei, A. Scian, T.H.M Smits, C. Ramos, G. Carannante, V. Stravato, R. Buonauro, C. Moretti
- Presentazioni Orali*
- OP32 *Trichoderma afroharzianum*, an emerging pathogen of maize in Europe: identification and early diagnosis**
M. Sanna, V. Guarnaccia, D. Spadaro, M. Mezzalama
- OP33 Survey of *Neofabraea vagabunda* in Friuli Venezia Giulia Region: causal agent of apple bull's eye rot**
A. Di Francesco, M. Camardo Leggieri, M. Lucci, R. Cignola, A. Francavilla, A. Malacrino, S. Mosca, V. Guarnaccia, P. Battilani

OP34 Several *Phytophthora* species are associated with chestnut ink disease in Tuscany, central Italy

A. Benigno, V. Papini, D. Rizzo, S. Moricca

OP35 Emergence of acute oak decline in Mediterranean holm and kermes oaks: detection of bacterial pathogens and ecological considerations

A. Bene, G. Carluccio, M. Vergine, E. Sabella, A. Delle Donne, L. De Bellis, A. Luvisi

OP36 Advances in understanding genomic diversity and adaptive evolution of the plant pathogenic model system *Colletotrichum*

J. Sunmoon, M. Ramos, I. Martino, P. Talhinhos, V. Guarnaccia, R. Baroncelli

OP37 Apple bitter rot and Glomerella leaf spot: diversity and tissue-specific behavior of *Colletotrichum* spp. in Northern Italian orchards

M. Cali, E. Cappelletti, S. Iacono, R. Bugiani, P. Talhinhos, R. Baroncelli, A. Prodi

OP38 Drought is a key factor exacerbating the virulence of emerging pathogens of London plane trees (*Platanus x hispanica*)

G. Lione, V. Guarnaccia, G. Costa, P.M. Travaglia, P. Gonthier

OP39 New insights on the role of oospores in primary infections and seasonal dynamics of downy mildew

G. Fedele, M. Furiosi, S.L. Toffolatti, V. Rossi, G. Maddalena, T. Caffi

OP40 New insights on mycotoxigenic *Aspergillus* species on peach fruits in Southern Italy

M. Masiello, S. Somma, A. De Girolamo, L. Gambacorta, L. Catalano, L. Laghezza, A. Carella, S. Iandiorio, C. Telser, A. Moretti, G. Cozzi

12:00-13:00 Premi e iniziative SIPaV – Cerimonia di Chiusura

SEDE DEL CONVEGNO:

Auditorium 'Giancarlo De Carlo' Dipartimento di Scienze Umanistiche (DI.S.UM.), Università di Catania, Monastero dei Benedettini di San Nicolò l'Arena, Piazza Dante Alighieri 32, 95124 Catania. A non più di 10 minuti a piedi dal Duomo di Catania si trova il **Monastero di San Nicolò l'Arena**, gioiello del tardo barocco siciliano e complesso benedettino tra i più grandi d'Europa. L'edificio monastico, che nasce nel '500 e si sviluppa fino ai giorni nostri, è un esempio di integrazione architettonica tra le epoche: contraddistinto da molteplici trasformazioni oggi è **patrimonio mondiale dell'Unesco**. Custodisce al suo interno due domus romane, i chiostri e uno splendido giardino pensile.

Come Arrivare al Monastero

Metropolitana

- Fermata più vicina: Stesicoro (linea blu); da lì, si prosegue a piedi per circa 15-20 minuti.

Autobus

Diverse linee AMT fermano nelle vicinanze del monastero:

- 504M: fermata Dante, a 2 minuti a piedi.
- 431R: fermata Plebiscito Parcheggio R1, a 5 minuti a piedi.
- 632 e 642: fermata Plebiscito Dell'Acqua, a 5 minuti a piedi

Per ulteriori dettagli su orari e percorsi, suggeriamo di consultare il sito ufficiale dell'AMT Catania.

Parcheggi

Parcheggi a pagamento (AMTS)

L'AMTS gestisce diversi parcheggi a pagamento nel centro di Catania. I più vicini al Monastero dei Benedettini sono:

- Parcheggio R1 Plebiscito: situato in Piazza Plebiscito, a circa 5 minuti a piedi dal monastero.
- Parcheggio Nesima: situato in Via Nesima, a circa 10 minuti a piedi dal monastero

Per informazioni su tariffe e disponibilità, puoi consultare il sito ufficiale dell'AMTS (www.amts.ct.it)

Parcheggio gratuito

In alcune zone limitrofe al centro storico, è possibile trovare parcheggi gratuiti, ma la disponibilità può essere limitata e il parcheggio potrebbe essere a tempo.

*Si consiglia di prestare attenzione alla segnaletica per evitare sanzioni.

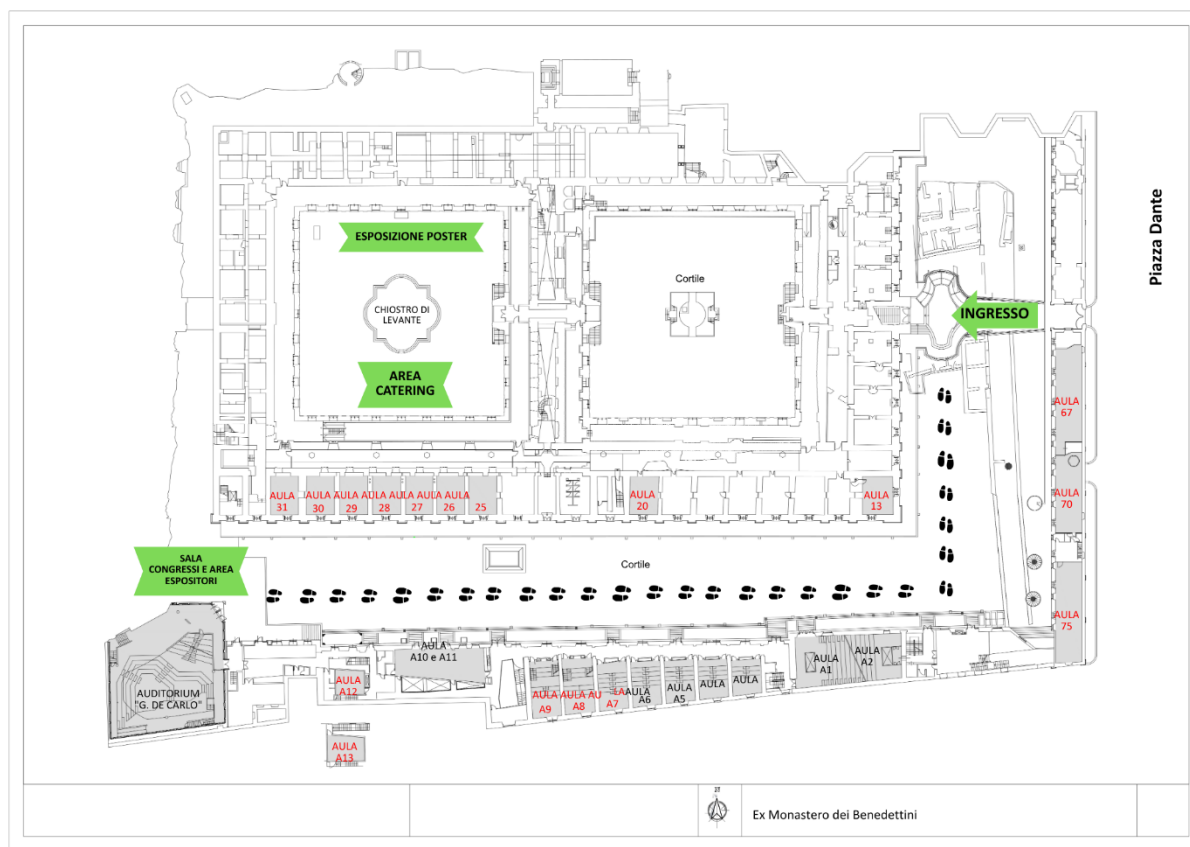
Parcheggi scambiatori

Se si desidera evitare il traffico del centro, si possono utilizzare i parcheggi scambiatori situati ai margini della città e proseguire con i mezzi pubblici:

- Parcheggio di Canalicchio: situato in Via Canalicchio, facilmente raggiungibile dall'autostrada.
- Parcheggio di Nesima: situato in Via Nesima, anch'esso ben collegato.

Da questi parcheggi, si può prendere la metropolitana o l'autobus per raggiungere il centro città

Come muoversi all'interno del Monastero:



COME ARRIVARE A CATANIA:

In aereo

L' Aeroporto di Catania è Fontanarossa "Vincenzo Bellini" (CTA)

Principale scalo della Sicilia orientale con voli diretti, disponibili da molte città italiane (Roma, Milano, Napoli, Torino, ecc.) e internazionali.

In treno

La stazione è "Catania Centrale"

Trenitalia collega Catania con varie città italiane: se si parte dal nord Italia, il viaggio (12-15 ore da Milano) prevede spesso cambio a Roma o Napoli.

In auto

- Da Messina: autostrada A18 Messina-Catania.
- Da Palermo: autostrada A19 Palermo-Catania.
- Da Siracusa: E45 verso nord.

In autobus

Diverse compagnie (es. FlixBus, Interbus, SAIS) offrono collegamenti con molte città siciliane e del sud Italia.

In nave

Catania ha un porto con collegamenti (non sempre frequenti) da Napoli e altre città.

Come raggiungere il centro città:

Dalla Stazione Centrale e il Porto guardare "Come muoversi a Catania"

Dall'aeroporto, si può raggiungere il centro città con:

AMTS "ALIBUS"

L'aeroporto di Catania è collegato direttamente con il centro città tramite AMTS "ALIBUS".

Parte dallo slargo antistante la vecchia aerostazione ogni 20/25 minuti ed è attivo dalle 4:40 alle 24:00.

L'Aeroporto dista dal centro città circa 5/7 Km quindi in 20 minuti si raggiunge facilmente, traffico permettendo!

Le fermate utili per il centro storico: Stazione Centrale, Piazza Stesicoro, Via Etnea.

Il prezzo del biglietto per la linea ALIBUS è di € 4,00 ed ha validità anche su tutte le altre linee urbane AMT per complessivi 90 minuti.

Il biglietto può essere acquistato con le seguenti modalità:

- Sul bus in contanti o con carte di pagamento
- Tramite l'app AMT Catania
- Presso l'ufficio abbonamenti e i rivenditori AMT
- Presso gli alberghi convenzionati

Taxi

Le vetture stazionano davanti all'uscita dell'aeroporto e impiegano circa 15/20 minuti; hanno una tariffa fissa per il centro di circa € 25-30, che tuttavia conviene sempre confermare prima della partenza.

Noleggio auto

Diverse agenzie sono presenti in aeroporto (Hertz, Avis, Sicily by Car, ecc.).

Third Circular

XXX Congress of the Italian Society of Plant Pathology

September 15–17, 2025

**‘Giancarlo De Carlo’ Auditorium, Department of Humanities (DI.S.U.M.),
University of Catania, Monastery of San Nicolò l’Arena, Piazza Dante Alighieri 32,
95124 Catania**

Dear Colleagues,

We are approaching the opening of the **XXX Congress of the Italian Society of Plant Pathology (SIPaV)**, organized by the Department of Agriculture, Food and Environment (Di3A) of the University of Catania, which will take place in Catania from September 15 to 17, 2025. The focus of the Congress “*Plant Health: Contributions of Plant Pathology for a Sustainable Future*”, has drawn the attention of a substantial number of researchers from Italy, Europe, and overseas, with 300 participants enrolled.

The program includes lectures by four internationally renowned *invited speakers*, along with six sessions comprising **40 Oral Presentations** and **20 Flash Talks**. The Congress will also be enriched by three poster sessions exhibiting **198 posters**.

We hope that the discussion of all the contributions will foster the beginning of new collaborations among research groups. The participation of a significant number of Young Researchers encourages us to wish that the Congress may serve as a valuable opportunity for their professional growth.

During the Congress, the SIPaV “*Giovanni Scaramuzzi 2025*” Award will be presented for the best Phd thesis in Plant Pathology, and on the final day, the three most outstanding posters will be recognized with the “**Best Poster Award**”.

We look forward to welcoming you in Catania to officially launch the 30th SIPaV Congress together

Scientific committee

Giancarlo Polizzi
Paola Battilani
Santa Olga Cacciola
Vittoria Catara
Vladimiro Guarnaccia
Gerardo Puopolo
Luisa Rubino

Organising committee

Giancarlo Polizzi
Gabriella Cirvilleri
Santa Olga Cacciola
Vittoria Catara
Antonella Pane
Matilde Tessitori
Alessandro Vitale
Dalia Aiello
Giorgio Gusella
Marco Camardo Leggieri

Selection of the SIPaV 2025 “Best Poster Award”

During the congress, the Scientific Committee will award for the best posters presented by early-career researchers.

The selection criteria will include:

- Scientific quality of the research content
- Logical organization of information, textual accuracy, and readability
- Originality of the poster layout and communicative effectiveness of the figure

POSTERS

Posters should measure 70 cm × 100 cm (W × H) and may include the logo available on the Congress website.

All posters will remain on display for the entire duration of the Congress.

Three poster sessions are scheduled as follows:

- **Session 1:** Posters 1–60
- **Session 2:** Posters 61–120
- **Session 3:** Posters 121–198

Authors are kindly requested to attend their assigned session.

The poster boards will be set up in the **Chiostro di Levante** and will be labeled with a sequential number corresponding to each poster, as listed in the *Book of Abstracts*, which can will be downloaded to your devices via QR code. Materials for displaying the posters will be provided by the Organizing Secretariat.

Presentations

Presentations will be divided into two categories: Flash Talks (FT): Short presentations lasting 3 minutes, delivered by the recipients of the *Young Researchers in Training* award, followed by a 2-minute Q&A session; Oral Presentations (OP): each speaker will have 10 minutes for their presentation, followed by 3 minutes for questions and discussion.

Monday, September 15

8:00-9:30 **Registration & Poster Setup**
Welcome Coffee

9:30-10:00 **Opening of the XXX Congress of the Italian Phytopathological Society**
Francesco Priolo, *Rector of the University of Catania*
Mario D'Amico, *Director of the Department of Agriculture, Food and Environment*
Paola Battilani, *President of the Italian Phytopathological Society (SIPaV)*

10:00–10:30 *Invited talk*
Crop Health: a multidisciplinary system approach to reduce the use of agrochemicals
Alessandra Gentile, *UNICT Coordinator for AGRITECH project, Department of Agriculture, Food and Environment, University of Catania*

10:30 – 12:30 **Session 1: Sustainable Strategies for Plant Disease Management**
Chairs: Roberta Marra, Giorgio Gusella

Oral Presentations (OP): Agritech Contributions

OP1 Capacity of yeast-derived products to enhance grapevine immunity and tolerance to combined drought and *Botrytis cinerea* infection
A.G. Ilesanmi, C. Gonzalez-Dehennault, M. Lucchetta, I. Busato, F. Meggio, M. Marangon, M. Perazzolli, R. Musetti, L. Sella, F. Favaron, S. Tundo

OP2 Environmentally friendly RNAi-based control of grapevine powdery mildew
M. Karas, F. Negrini, R. Baroncelli, X. Chen, F. Pacini, E.G. Kabeto, L. Capriotti, S. Sabbadini, B. Mezzetti, E. Baraldi

OP3 Mitigating the impact of soil salinity on tomato crops: unveiling the role of soil microorganisms
M.I. Prigigallo, S. Pirra, G. Bubici

OP4 The effect of biological control agents on peach fruit infected by *Monilinia laxa*: biochemical and molecular analyses
A. Lizzio, V. Battaglia, E. Lahoz, M. Reverberi, M. Petriccione

OP5 Application of antimicrobial peptides for the control of grapevine flavescence dorée phytoplasma
E.G. Kabeto, M. Karas, F. Pacini, X.Q. Chen, T.Q. Gao, F. Pizzuti, C. Lanzoni, C. Marzachi, L. Galetto, D. Bosco, B. Mezzetti, S. Sabbadini, L. Capriotti, L. Landi, P. De Angeli, R. Musetti, S. Favia, M. De Zotti, E. Baraldi, C. Ratti

OP6 Exploring *Hermetia illucens* frass as a new source of bacteria with potential antifungal and plant growth promoting activity
L. Coviello, M. Nuzzaci, J. De Smet, J. Ceusters, C. Scieuzo, P. Falabella, D. Ronga, A. Vitti

OP7 Genetic variability within *Diaporthe amygdali* populations in almond orchards in Apulia (Southern Italy)

A. Agnusdei, F. Dalena, P.G. Lucchese, P. Tancredi, F. Faretra, S. Pollastro, D. Gerin

OP8 Microbial biocontrol agents reprogram tomato response to pests and pathogens: a multi-omics perspective

M. Sinno, I. Di Lelio, G. Manganiello, M. Ranesi, G.S. Falconieri, A. Pascale, A. Becchimanzi, M. Sulli, G. Diretto, F. Pennacchio, M. Lorito, S. Proietti, S.L. Woo

OP9 A MultiOmics approach for better understanding and comprehensive management of durum and soft wheat kernels quality and safety in the Italian Peninsula

L. Lascala, M. Beccaccioli, S. Frasca, M. Kratter, V. Cecchetti, C. Manetti, M. Reverberi

12:30-13:30 **Light lunch**

13:30-14:30 **Poster Session I** – In-person discussion of Posters 1-60

14:30-16:30 **Session 2: Sustainable Strategies for Plant Disease Management**

Chairs: Stefania Somma, Daniele Schiavi

Flash Talks (FT) from “Young Researchers in Training”

FT1 Improved tolerance to grey mold of tomato plants fertigated with micronutrient amounts of zinc

V. Artico, I. Battisti, L. Sella, S. Tundo, G. Dal Corso, B. Molesini, T. Pandolfini, G. Arrigoni, R. Musetti, A. Furini, F. Favaron

FT2 Sustainable control of *Plasmopara viticola* in grapevines via SafeWax: a bioinspired passive coating strategy

A. Brannetti, M.A. Ibanez Revert, N. Ben-Arie, I. Polishchuk, B. Pokroy, S. Fermani, I. Filippetti, C. Ratti, E. Baraldi

FT3 Unveiling the antibacterial potential of eucalyptus-based nanoparticles: a game-changer in crop bacterial disease management

M. Pinto, C. Soares, A. Ribeiro, T. Andreani, F. Fidalgo, F. Tavares

FT4 Varietal susceptibility and biological approaches for the management of *Albugo occidentalis* in Spinach cultivated in the Capitanata Area

P. Marino, A. Carlucci, M.L. Raimondo, F. Lops

FT5 Plant products as putative botanical fungicides assayed *in vitro* and *in vivo* conditions against fungal soilborne pathogens on fennel seedlings

M.G. Morea, T. Conte, G. Ricciardi, D. Paulicelli, P. Morea, A. Carlucci

FT6 *Salvia* spp. extracts contain bioactive terpenoids against grapevine downy mildew

A. Smaldone, O. Giovannini, M. Oberhuber, P. Robatscher, M. Perazzolli

Oral Presentations

OP10 Italian peanuts: an integrated approach to ensure safety and sustainability

M. Crosta, M. Camardo Leggieri, P. Battilani

OP11 Metabolomics-guided optimization of *Trichoderma*-based bioformulates for sustainable crop improvement in grapevine and sorghum

A. Staropoli, D. Lotito, L. Izzo, V. Battaglia, E. Lahoz, S.L. Woo, M. Lorito, F. Vinale

OP12 *Diaporthe amygdali* inside out: leveraging genetic insights for sustainable and precision control strategies

S. Turco, F. Brugnati, A. Cardacino, M. Cirilli, A. Mazzaglia

OP13 Antifungal factors or resistance elicitors? Role of polycyclic tetramate macrolactams in the biological control of *Peronospora belbahrii* and *Plasmopara viticola* by *Lysobacter capsici* AZ78

A. Dinesh Kothari, S. Nadalini, M. Masi, A. Cimmino, I. Pertot, G. Puopolo

OP14 Circular plant protection measures against Xanthomonadaceae plant pathogens: antibacterial potential of pomegranate peel extract and cellulose nanocrystals

M.A. Muawiya, D. Schiavi, L. Felici, C. Miccoli, D. Rongai, M.R. Eciya, L. Moll, B.B. Landa, G.M. Balestra

OP15 Combined *Trichoderma*-*Clonostachys* reduce *Fusarium* head blight infection and mycotoxin content of wheat under greenhouse conditions

A. Petrucci, S. Conlan, S. Sarrocco, D.B. Collinge, B. Jensen

OP16 Integrated control strategies for managing crown and fruit rot of pomegranate caused by *Coniella granati* in Southern Italy

M.L. Raimondo, G. Ricciardi, T. Conte, A. Carlucci, F. Lops

16:30-17:00 **Coffee Break**

17:00-19:00 **Italian Phytopathological Society and Journal of Plant Pathology**

Chairs: Paola Battilani - *President of SIPaV*, Laura Mugnai - *Vice President of SIPaV*

“Giovanni Scaramuzzi” SIPaV Award 2025

Journal of Plant Pathology & SIPaV Awards: “Fresh Ideas in plant health: the latest research from young plant pathologists”

Sabrina Sarrocco, *Editor of JPP special issue*

Thirty Years of Science and Passion: Tracing the History of SIPaV and its Congresses

Giovanni Vannacci, *Former President of SIPaV*

Agritech Challenges in Research and Education

Matteo Lorito, Rector of the University of Naples Federico II, President of National Agritech Center

19:00

Welcome Cocktail

Chiostro di Levante, Monastero dei Benedettini

Tuesday, September 16

08:30-10:00

Session 3: Diagnosis and Characterization of Plant-Associated Pathogens

Chairs: Alessandra Di Francesco, Dario Gaudio

Flash Talks from “Young Researchers in Training”

FT7 A new molecular seed detection method to quantify *Ustilago nuda* and reduce prophylactic seed treatments

C. Panzetti, E. Jenny, I. Bänziger, A. Kägi, S. Vogelgsang, T. Hebeisen, P. Büttner, D. Croll, F. Widmer, K. E. Sullam

FT8 Exploiting actinomycete biodiversity in Arctic soils to find new biocontrol agents of fungal pathogens

L. Pisoni, S. Viganò, C. Pizzatti, A. Kunova, P. Cortesi, M. Pasquali, M. Saracchi, L. Bertini, C. Caruso, D. Bulgari

FT9 Image-based time series analysis for the early evaluation of the biocontrol efficacy of *Trichoderma gamsii* T6085 on Fusarium head blight disease progression in wheat

D. Mencarini, A. Petrucci, G. Del Cioppo, S. Poque, K. Himanen, K. Mäkinen, S. Sarrocco

FT10 Strains of *Aureobasidium pullulans* from extreme environments: new potential biocontrol agents?

M. Lucci, N. Khomutovska, G. Firrao, A. Di Francesco

FT11 Genetic insights of *Aspergillus flavus* population in Azerbaijan and perspectives on the use of aflatoxin biocontrol products

A. Casu, K.A. Callicott, H.L. Mehl, P. Battilani

Oral Presentations

OP17 Botryosphaeriaceae and *Phytophthora* species involved in the decline and mortality of ornamental trees on Albarella Island (Italy)

C. Bregant, M. Piccioni, C. Antonelli, L. Montecchio, M. Narduzzi, A.M. Vettraino, B.T. Linaldeddu

OP18 Advancing plant health monitoring: nanopore sequencing for quarantine pathogen diagnostics

V. Crosara, V. Scala, M. Reverberi, N. Pucci, L. Faino, S. Loreti

OP19 Invisible foes: cutting-edge non-destructive diagnostics for quarantine pathogens in legume seeds in a globalized market

D. Gaudioso, L. Calamai, C. Pastacaldi, C. Beltrami, L. Cavigli, G. Agati, S. Tegli

OP20 Assessing the spread and impact of candidate priority pests to support risk management in the EU: EFSA's method and results

A. Nougadère, M. Scala, S. Tramontini, E. de la Peña, G. Gilioli, D. Makowski, A. Mastin, S. Parnell, S. Vos

OP21 Innovative e-probe detection of 11 viruses infecting tomato using e-probes diagnostic nucleic-acid analysis and microbe finder (EDNA-MiFi)

A. Ragona, D. Ramos-Lopez, A.S. Espindola, E. Yahyaoui, S. Davino, F. Ochoa-Corona

10:00-11:00 **Poster session II & Coffee break** - In-person discussion of Posters 61-120

11:00-11:30 *Invited talk*

Koch's postulates in a microbiome era

Carolee T. Bull, *Department of Plant Pathology and Environmental Microbiology, Pennsylvania State University, University Park, USA*

11:30-13:00 **Session 4: Molecular Interactions and the Plant Microbiome**

Chairs: Elodie Vandelle, Donato Gerin

Flash Talks from "Young Researchers in Training"

FT12 Seed treatment with bacterial and fungal endophytes modulates transcriptional and phenotypic responses of rice to *Fusarium fujikuroi*

S. Bosco, G. Mannino, M. Mezzalama, C. Berteà, D. Spadaro

FT13 Characterization of the MAT1 locus involved in the sexual behaviour in isolates of *Podosphaera xanthii* from south Italy

M. Crudele, P.R. Rotondo, P. Loizzo, S. Laera, C. Laguardia, S. Pollastro, R.M. De Miccolis Angelini, F. Faretra

FT14 Early insights into spore germination and compatibility between *Trichoderma gamsii* and *Clonostachys rosea* under stress conditions: toward dual biocontrol of *Fusarium* head blight

A. Dalli, A. Petrucci, S. Sarrocco, B. Jensen, D.B. Collinge

FT15 RNAi-based control of *Stemphylium vesicarium* in pear: genomic insights into host specificity

X.Q. Chen, T.Q. Gao, M. Karas, F. Pacini, E.G. Kabeto, R. Baroncelli, E. Baraldi

FT16 Sieve element cell wall composition and sugar transport are strictly interconnected and affect Micro-Tom tomato plant response to 'Candidatus Phytoplasma solani'

S. Favia, O.C. Viscardo, K. Konate, S. Tundo, L. Sella, F. Favaron, R. Musetti

Oral Presentations

OP22 Deciphering the impact of different belowground pathogens on the aboveground bacterial microbiome in tomato plants

E. Francomano, M.M. Aci, M. Casuscelli, L. Schena, A. Malacrinò

OP23 What happened to the grapevine microbiome? Spontaneous grapevines as reference standard

G. Del Frari, F. Marroni, M. Guazzini, F. Marcolin, S. Ponte, R. Boavida Ferreira, G. Zdunic, G. Di Gaspero, M. Morgante

OP24 Deciphering FHB infection: the metabolomics-driven quest for sustainable wheat protection

S. Risoli, T. Rypar, M. Doppler, C. Bueschl, B. Seidl, A. Parich, G. Adam, L. Cotrozzi, C. Nali, P. García-Pérez, S. Sarrocco, E. Pellegrini, L. Lucini, R. Schuhmacher

OP25 A dual-function metabolite from *Beauveria bassiana* shapes plant-pathogen interactions

M. Ranesi, S. Vitale, A. Staropoli, L. Di Costanzo, M. Lorito, S.L. Woo, F. Vinale, D. Turrà

OP26 Streptomycetes as biocontrol agents against *Fusarium oxysporum* f.sp. *lycopersici* and *Fusarium graminearum* in tomato and wheat crops

V. Mattei, G. Franzoni, C. Muratore, K. Sergeant, C. Pizzatti, D. Bulgari, A. Kunova, M. Saracchi, P. Cortesi, G. Cocetta, L. Espen, J. Renaut, A. Ferrante, B. Prinsi, M. Pasquali

13:00-14:00 **Light lunch**

14:00-14:30 *Invited talk*

Building resilience to insect-vectored plant pathogens

Saskia A. Hogenhout, *John Innes Centre, Norwich Research Park, Norwich, UK*

14:30-15:30 **Session 5: Molecular Interactions and the Plant Microbiome**

Chairs: Valeria Scala, Lorenzo Cotrozzi

Oral Presentations

OP27 Investigations on resistance to agents of grapevine yellows in different pathosystems

M. Schillaci, D. Danzi, G. Gambino, L. Galetto, F. Cavagna, S. Palmano, A. Polverari, C. Marzachi

OP28 Decoding the Regulatory Role of PsaR3, a LuxR Solo, in *Pseudomonas syringae* pv. *actinidiae* virulence

I. Lucato, A. Regaiolo, D. Danzi, R. Heermann, A. Polverari, E. Vandelle

OP29 Sophisticated Sabotage: how phytoplasma effectors manipulate their host plant's cell fate and metabolism

C. Malfertheiner, S. Egger, M. Raffener, C. Mittelberger, B. Hause, T. Letschka, S. Üstün, K. Janik

OP30 Deciphering molecular mechanisms in the interactions of '*Candidatus Phytoplasma solani*' with its experimental herbaceous hosts

W. Acosta Morel, A. Moussa, P. Bianco, C. Bernardini, P. Ermacora, F. Quaglino, M. Martini

OP31 Interkingdom interactions: transcriptional reprogramming of tomato by beneficial and harmful organisms

F. Palomba, M.M. Monti, M. Novero, V. Bianciotto, S. Ghignone, E. Lumini, D. D'Esposito, A. Salvioli, P. Bonfante, M. Ruocco

15:30-18:30 **Poster session III & Coffee break** - In-person discussion of Posters 121-198

16:30-18:30 **General Assembly of SIPaV Members**

20:30 Social dinner at the 'RADICEPURA – Horticultural Park' Via Fogazzaro 19, Giarre (Catania)

The buses for the social dinner will depart at 19:00 from Via Etnea n.72, at the corner with Via A. di Sangiuliano, the so called "I Quattro Canti" – 8 min from the conference venue.

To facilitate the return to the hotel, the bus will make the following stops on the way back: Piazza Borsellino; intersection of Via Umberto and Via Etnea; Piazza Giovanni XXIII (available upon request).

Wednesday, September 17

8:45-10:00 Open coffee

9:00-09:30 *Invited talk*

Making sense of the NLR immune receptor alphabet soup

Sophien Kamoun, *The Sainsbury Laboratory, UK*

09:30-12:00 **Session 6: Emerging Plant Pathogens and Epidemiological Trends**

Chairs: Marco Camardo Leggieri, Guglielmo Gianni Lione

Flash Talks from “Young Researchers in Training”

FT17 From observations to forecast: advancing aflatoxin risk prediction with seasonal climate projections

D. Balkova, R. Raj, H. Rieder, M. Camardo Leggieri, P. Battilani

FT18 Twig canker and shoot blight of peach in Italy: the role of *Diaporthe amygdali* and a cultivars tolerance screening

F. Brugnati, L. Rossini, M. Cirilli, A. Cardacino, A. Mazzaglia, S. Turco

FT19 The role of EFSA commodity risk assessments in identifying high-risk plant pathogens

M.F. Lombardo, C. Gardi, G. Stancanelli

FT20 Unraveling the pathogenicity of *Pseudomonas syringae* pv. *syringae* Italian strains causing severe wilting in eggplants

M. Paglialunga, B. Orfei, A. Scian, T.H.M Smits, C. Ramos, G. Carannante, V. Stravato, R. Buonauro, C. Moretti

Oral Presentations

OP32 *Trichoderma afroharzianum*, an emerging pathogen of maize in Europe: identification and early diagnosis

M. Sanna, V. Guarnaccia, D. Spadaro, M. Mezzalama

OP33 Survey of *Neofabraea vagabunda* in Friuli Venezia Giulia Region: causal agent of apple bull's eye rot

A. Di Francesco, M. Camardo Leggieri, M. Lucci, R. Cignola, A. Francavilla, A. Malacrinò, S. Mosca, V. Guarnaccia, P. Battilani

OP34 Several *Phytophthora* species are associated with chestnut ink disease in Tuscany, central Italy

A. Benigno, V. Papini, D. Rizzo, S. Moricca

OP35 Emergence of acute oak decline in Mediterranean holm and kermes oaks: detection of bacterial pathogens and ecological considerations

A. Bene, G. Carluccio, M. Vergine, E. Sabella, A. Delle Donne, L. De Bellis, A. Luvisi

OP36 Advances in understanding genomic diversity and adaptive evolution of the plant pathogenic model system *Colletotrichum*

J. Sunmoon, M. Ramos, I. Martino, P. Talhinhos, V. Guarnaccia, R. Baroncelli

OP37 Apple bitter rot and Glomerella leaf spot: diversity and tissue-specific behavior of *Colletotrichum* spp. in Northern Italian orchards

M. Calì, E. Cappelletti, S. Iacono, R. Bugiani, P. Talhinhos, R. Baroncelli, A. Prodi

OP38 Drought is a key factor exacerbating the virulence of emerging pathogens of London plane trees (*Platanus x hispanica*)

G. Lione, V. Guarnaccia, G. Costa, P.M. Travaglia, P. Gonthier

OP39 New insights on the role of oospores in primary infections and seasonal dynamics of downy mildew

G. Fedele, M. Furiosi, S.L. Toffolatti, V. Rossi, G. Maddalena, T. Caffi

OP40 New insights on mycotoxigenic *Aspergillus* species on peach fruits in Southern Italy

M. Masiello, S. Somma, A. De Girolamo, L. Gambacorta, L. Catalano, L. Laghezza, A. Carella, S. Iandiorio, C. Telser, A. Moretti, G. Cozzi

12:00-13:00 SIPaV Awards and initiatives – Closing ceremony

CONGRESS VENUE

Benedictine Monastery of "San Nicolò", Auditorium 'Giancarlo De Carlo' Dipartimento di Scienze Umanistiche (DI.S.U.M.), Università di Catania, Piazza Dante, 32 – Catania

No more than a 10-minute walk from Catania's Cathedral, the Monastery of San Nicolò l'Arena is a jewel of late Sicilian Baroque and one of the largest Benedictine complexes in Europe. The monastic building, which originated in the 16th century and has developed over the centuries, is an example of architectural integration across different eras. Characterized by multiple transformations, it is now a UNESCO World Heritage site. Inside, it houses two Roman domus, cloisters, and a beautiful hanging garden.

How to Reach the Monastery

Metro

- Nearest station: Stesicoro (Blue Line), 10 minutes on foot.

Bus

Several AMT lines stop near the monastery:

- 504M: Dante stop, 2 minutes on foot.
- 431R: Plebiscito Parcheggio R1 stop, 5 minutes on foot.
- 632 and 642: Plebiscito Dell'Acqua stop, 5 minutes on foot.

For more details on schedules and routes, we recommend consulting the official AMT Catania website.

Parking

Paid Parking (AMTS)

AMTS manages several paid car parks in the centre of Catania. The closest to the *Monastery of the Benedictines* are:

- *R1 Plebiscito Parking*: located in *Piazza Plebiscito*, about 5 minutes on foot from the monastery
- *Nesima Parking*: located in *Via Nesima*, about 10 minutes on foot from the monastery

For information on rates and availability, you can visit the official AMTS website: www.amts.ct.it

Free Parking

In some areas near the historic centre, free parking is available, although it may be limited and subject to time restrictions.

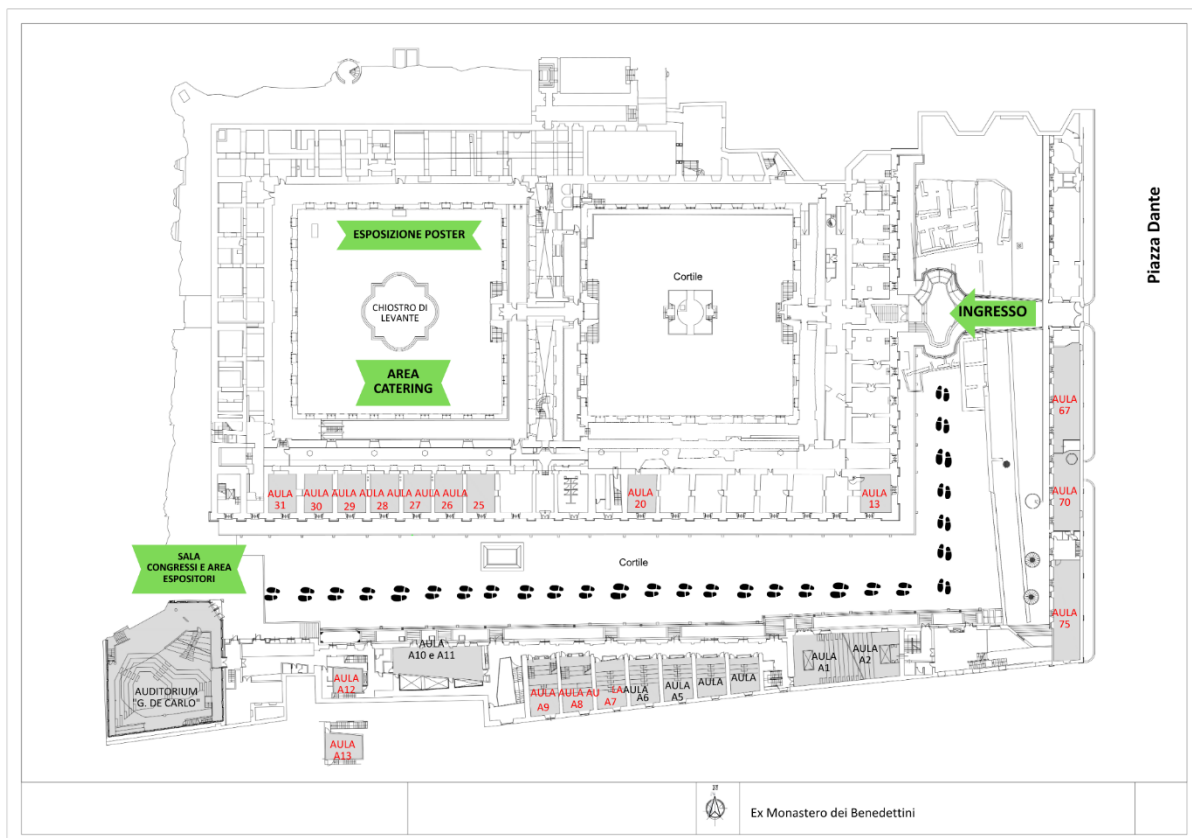
Be sure to check signage carefully to avoid fines.

Park-and-Ride Facilities

If you prefer to avoid traffic in the city centre, you can use park-and-ride facilities on the outskirts of the city and continue by public transport:

- *Canalicchio Parking*: located in *Via Canalicchio*, easily accessible from the motorway
- *Nesima Parking*: located in *Via Nesima*, also well connected

HOW TO GET AROUND THE MONASTERY:



HOW TO GET TO CATANIA:

By Plane

Catania's airport is called *Fontanarossa "Vincenzo Bellini"* (CTA).

It is the main airport in eastern Sicily, offering direct flights from many Italian cities (Rome, Milan, Naples, Turin, etc.) as well as from abroad.

By Train

The name of the train station is *Catania Centrale*.

Trenitalia provides connections between Catania and various Italian cities. If you are travelling from northern Italy, the journey (12–15 hours from Milan) often requires a switch in Rome or Naples.

By Car

- From Messina: take the A18 motorway (Messina–Catania)
- From Palermo: take the A19 motorway (Palermo–Catania)
- From Syracuse: take the E45 road heading north

By Bus

Several companies (e.g., FlixBus, Interbus, SAIS) offer routes connecting Catania with various cities in Sicily and southern Italy.

By Ship

Catania disposes of a port with connections (although not always frequent) from Naples and other cities.

How to Reach the City Centre

From the train station (*Catania Centrale*) and the port, refer to the section below "Getting Around in Catania."

From the airport, the city centre can be reached via:

AMTS "ALIBUS"

Catania Airport is directly connected to the city centre by the AMTS "ALIBUS" shuttle. It departs every 20–25 minutes from the square in front of the old terminal and operates from 4:40 AM until midnight (00:00).

The airport is located approximately 5–7 km from the city centre and can generally be reached in about 20 minutes, depending on traffic.

Main stops for the historic centre: *Catania Centrale* (train station), *Piazza Stesicoro*, *Via Etnea*.

The ALIBUS ticket costs €4.00 and is valid for 90 minutes on all other AMT urban bus lines as well.

Tickets can be purchased in the following ways:

- On board the bus (in cash or by card)
- Through the AMT Catania app
- At the AMT desk or authorised resellers
- At affiliated hotels

Taxi

Taxis are available outside the airport exit. The ride to the city centre takes approximately 15–20 minutes and has a fixed fare of around €25–30, although it is advisable to confirm the price before departure.

Car Rental

Several rental agencies are located at the airport (e.g., Hertz, Avis, Sicily by Car).