

# plant facts



## a matter of communication

18/19 september  
padova

### SEPTEMBER 18th

09:00 – 9:30 REGISTRATION

09:30 – 10:00 WELCOME ADDRESS

Rector of the University of Padova

Prof. Daniela Mapelli

Head of the Department of General Psychology

Prof. Francesca Pazzaglia

Organizer

Prof. Umberto Castiello

10:00 – 11:30 SESSION I

Chair: Prof. Marco Dadda

10:00 – 10:45

Plants Are Plants

Prof. Elizabeth Van Volkenburgh

University of Washington, USA

10:45 – 11:15 COFFEE BREAK

11:15 – 12:00

Self and Society – Plants Communicate to Organize  
and Coordinate Behavior

Dr. Günther Witzany

Telos - Philosophische Praxis, Austria

A large, stylized graphic of a leaf with a central vein and several smaller veins branching out. The leaf is rendered in a gradient of colors from light green to yellow, with a soft, semi-transparent effect. It is positioned in the upper left quadrant of the page, partially overlapping the text.

## 12:00 – 13:15 SESSION II

Chair: Dr. Bianca Bonato

12:00 – 12:45

Plant Communication: Diversity of “Alarm Calls”  
and Their Effectiveness

Prof. Richard Karban

University of California, Davis, US

12:45 – 13:15

Discussion

## 13:15 – 14:30 LUNCH BREAK & POSTER SESSION

## 14:30 – 16:00 SESSION III

Chair: Dr. Laura Ravazzolo/Valentina Simonetti

14:30 – 15:15

Plant-Fungal Communication in Symbiotic Interactions

Proff. Paola Bonfante & Andrea Genre

University of Turin, Italy

15:15 – 16:00

Underground Whispers: Understanding How and Why  
Plants Communicate in the Rhizosphere

Prof. Tom Bennett

University of Leeds, UK

## 16:00 – 16:45 COFFEE BREAK

## 16:45 – 18:00 SESSION IV

Chair: Dr. Margherita Bianchi

16:45 – 17:30

Learning Plant Learning

Prof. Ariel Novoplansky

Ben-Gurion University of the Negev, Israel

17:30 – 18:00

Discussion



SEPTEMBER 19th

09:15 – 09:30 WELCOME

09:30 – 11:00 SESSION V

Chair: Dr. Qiuran Wang

09:30 – 10:15

What Would Plant Cognition Look Like?

Prof. James Cahill

University of Alberta, Canada

10:15 – 11:00

Plant Cognition is Based on Cellular Sentience

Prof. František Baluška

University of Bonn, Germany

11:00 – 11:30 COFFEE BREAK

11:30 – 12:30 SESSION VI

Chair: Dr. Silvia Guerra

11:30 – 12:15

Should a Modular System Like Plants Pay Attention?

Glimpses from Plant Electrome Analyses

Prof. Gustavo Maia Souza

Federal University of Pelotas, Brazil

12:15 – 12:30

Conclusion

Prof. Umberto Castiello

12:30 – 13:15

Round Table — Discussion

13:15 – 14:30 LUNCH BREAK & POSTER SESSION