

## Program

**54. Meeting of the DPG Working Group Nematology  
on March 11<sup>th</sup> to 12<sup>th</sup> 2026  
meeting site:**

Staatliches Weinbauinstitut WBI  
Merzhauser Straße 119, 79100 Freiburg im Breisgau

### Wednesday, March 11th 2026

- 09.00 Tour to CORTEVA starts at 9.30 am (Münstertäler Strasse 26, 79427 Eschbach)  
meeting point for transportation: WBI main entrance at 9:00 am
- 12.00 Welcome reception
- 13.00 start of the meeting Welcome address by Niklas Samuel (WBI) introduction by Matthias Daub  
(DPG); Presentation of the Deutsche Phytomedizinische Gesellschaft e.V.  
by Noemi Meßmer (DPG)

#### Moderation: Jan Henrik Schmidt

- 13:30 Patrik Winterhagen Resistance against *Xiphinema index* in hybrid grapevine
- 13.50 Leidy van Rijt Poor root growth of *Globodera pallida*-resistant genotypes give a risk for a  
false positive indication of the “empty cyst” resistance mechanism
- 14.10 Hemanth Kumar Emerging risks in temperate Europe: Survival and establishment potential of  
Koniganahalli Gopal *Meloidogyne enterolobii*
- 14.30 Ilya Noskov Identification of resistance sources and mapping of resistance genes against  
*Meloidogyne hapla* in carrot (*Daucus carota* L.)

14.50 - 15.30 *coffee break*

#### Moderation: Sebastian Kiewnick

- 15.30 Bob Klein Lankhorst Life Monitor™: An Emerging Method for Automated Nematode Quantification  
and Identification
- 15.50 Djaafar Babaali Enhanced imaging system for the detection of virulent *Globodera pallida*  
populations in potatoes using hyperspectral imaging
- 16.10 Matthias Daub Hyperspectral signatures in field trials with Beet Cyst Nematodes - A powerful  
tool to compensate for uncertainties of yield-related damage effect correlations  
in sugar beet

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16.30 Johannes Hallmann Non-invasive assessment of *Meloidogyne incognita* infestation using X-ray computed tomography

19:00 Dinner at restaurant Süden (<https://www.freiburgersueden.de> , Alfred Döblin-Platz 1, 79100 Freiburg) (

**Thursday, March 12th 2026**

**Moderation: Matthias Daub**

09.00 Jan Henrik Schmidt Lessons to be learned when simultaneously studying soil suppressiveness towards *Meloidogyne* and soil fertility via biotests

09.20 Christina Mühlenbrock Nematodes as potential pests in caraway and fennel

09.40 - 10.10 *coffee break*

10.10 Deborah Henzel Dynamics of Nematode Communities in an Organic Crop Rotation under Differing Tillage and Organic Matter Management

10.30 Yvonne Gurumani Effect of *Argemone Ochroleuca* Extract on *Meloidogyne javanica* and tomato growth under greenhouse conditions

10.50 Zoran Radakovic Residual efficacy and soil health compatibility of 2 modern nematicides in 4 different soils from Sicily.

11:10 Miscellaneous

11:30 End of the meeting