

Date	Time	Session #	Session topic	Talk Order	Presenter	Title	Co-chair #1	Co-chair #2
Tuesday, 2 June 2026	08:30 - 10:00	1	High-Resolution Insights in plant-nematode interactions	1	Gómez Rojas	Galls and GCs ontogeny: Transcriptional changes within the meristem studied at single cell resolution during Root Knot nematode infection in Arabidopsis.	Jose Lozano Torres	
				2	Kyndt	Unravelling nematode feeding site formation in plant roots using single cell RNA sequencing.		
				3	Lathe	Deciphering Feeding Cell Development in Arabidopsis and Tomato by Plant Parasitic Nematodes (PPNs): Spatial Transcriptomics and Single-Nucleus RNA Sequencing (snRNA-seq) Approaches.		
				4	Wang Y	Revealing spatiotemporal parasitism of H. schachtii by integrating spatial transcriptomics and single-cell RNA-seq data.		
				5	DiGennaro	Improved Approaches to Single-Cell Recovery and Sequencing of Plant-Parasitic Nematodes.		
Tuesday, 2 June 2026	08:30 - 10:00	2	Management: systems approach	1	Peng	Occurrence and Integrated Management of Potato Cyst Nematode (Globodera rostochiensis) in China	Leendert Molendijk	Anne Sophie van Bruggen
				2	Cabianca	A Comprehensive Study of <i>M. chitwoodi</i> and <i>M. fallax</i> in Switzerland: Characterization, Phylogenetic Analysis and Investigation of Resistant Plants		
				3	Wesemael	Survival of Meloidogyne enterolobii in soil under temperate conditions in the absence of host plants		
				4	Haukeland	Potato cyst nematode (Globodera spp.) invades Africa - distribution and dynamics in Eastern and Southern Africa.		
				5	Van Heese	MAKANDRA: Together stronger! Government to Government project to strengthen Food security and Plant Health.		
Tuesday, 2 June 2026	08:30 - 10:00	3	Plant resistance to nematodes (I)	1	Faesen	Screening for novel sources of resistance to virulent Globodera rostochiensis populations in wild potato genotypes.	James Price	Aska Goverse
				2	Van Rijt	Breeding lines with novel resistance sources from wild Solanum species utilise a combination of resistance mechanisms against virulent Globodera pallida population 'Obertangen'		
				3	Coyne	Potato cyst nematode (Globodera rostochiensis) dynamics in repeat potato cropping systems in East Africa		
				4	Rashidifard	Resistance of Soybean Cultivars to Meloidogyne incognita: Greenhouse Screening and Histopathological Evaluation		
				5				
Tuesday, 2 June 2026	14:00 - 15:30	4	Adaptation, Plasticity, and Novel Approaches	1	Mantelin	Host imprint in the root-knot nematode Meloidogyne incognita.	Clarissa Hiltt	Sophie Mantelin
				2	Kranse	Controlling the Clock: New Tools for Inducing and Studying Nematode Tanning.		
				3	Willig	Interspecific adaptations in root system architecture define host tolerance of Arabidopsis to biotic stresses by root feeding nematodes.		
				4	Tran	Genome-Informed Approaches to Nematode Management in Walnuts Using Rootstocks and Cover Crops.		
				5	Hiltt	Non-destructive siRNA-induced gene silencing in Arabidopsis via root tip delivery.		
Tuesday, 2 June 2026	14:00 - 15:30	5	Genomic perspective on genetic diversity	1	Lee	Natural genetic variation related to host range in Ditylenchus dipsaci	Eric Grenier	Yi-Chien Lee
				2	Silvestre Casas	Genetic diversity of Globodera spp. from South America		
				3	Grenier	A first insight into the importance in polyandry in Globodera pallida during its adaptation to masculinizing potato resistances		
				4	Hanlon	How plant-parasitic nematodes edit HYP genes in their somatic cells		
				5	Córdoba Sánchez	Screening for resistance to Meloidogyne hapla in pea (Pisum sativum) germplasm collection		
Tuesday, 2 June 2026	14:00 - 15:30	6	Taxonomy, species Identification and phylogeny	1	El Khatib	Mitochondrial phylogeny and species identification in Root-Knot nematodes	Wim Bert	
				2	Bertran	Long-read mitochondrial DNA amplicon sequencing enables accurate tropical Meloidogyne spp. Recognition		
				3	Ren	Nematode metagenomics enables accurate taxonomic profiling and abundance estimation		
				4	Maosa	My journey through integrative nematode taxonomy		
				5	Gu	Field applied quick pinewood nematode detection and screening methods		
Tuesday, 2 June 2026	14:00 - 15:30	7	NEM-EMERGE, PCN Action Scotland, PaPas	1	Price	PCN ACTION SCOTLAND	Cynthia Gleason	
				2	Cheung	Phased Potato Genome Assembly and Association Genetics Enable The Delineation of the H1 Resistance Locus Against Potato Cyst Nematodes		
				3	Zasada	Systems approach to controlling nematodes in US potato production.		
				4	Hickman	Controlling Globodera pallida with trap crops and crop rotation		
				5	Teklu	Wild Potatoes as a Reservoir of Resistance to Virulent PCN		
				6	Goverse	NEM-EMERGE: Managing potato cyst nematodes that have overcome current host plant resistances due to genetic selection		
Wednesday, 3 June 2026	08:30 - 10:00	8	Soil microbe/nematode interactions (I)	1	Helder	On the remarkably broad global distribution of fungal nematode antagonists	Lisa Van Sluijs	Stefan Geisen
				2	Chen	Interactions between symbiotic rhizobia and root-knot nematodes: early signaling shapes parasitism outcomes		
				3	Ashrafi	Endophytic nematode antagonistic fungi – an extended plant defence against plant parasitic nematodes		
				4	Aslam	Rhizospheric Bacillus subtilis and Bacillus stercoris suppress Heterodera schachtii and promote Arabidopsis thaliana growth		
				5	Casey	Two Can Play: Investigating the Root-Knot Nematode and Bacterial Wilt Disease Complex		
Wednesday, 3 June 2026	08:30 - 10:00	9	Management: distribution	1	Mennan	Distribution, population density and species identification of root-knot nematodes in vegetable-growing areas in Türkiye	Raquel Campos Herrera	Pella Brinkman
				2	Tefu	Evaluation of soil physical and chemical properties that are associated with root-knot nematodes from bush tea (Athrixia phyllicoides) plants harvested in three provinces		
				3	Polanšek	Spatial distribution and morphological characteristics of nematode species Xiphinema index in Slovenian vineyards		
				4	Ntidi	EXPLORING NEMATOLOGY THROUGH GRAIN PRODUCTION SYSTEMS IN SOUTH AFRICA		
				5	Campos-Herrera	Integrating entomopathogenic nematodes and symbiotic bacteria into next-generation vineyard pest management: efficacy, new products, and soil health indicators		
Wednesday, 3 June 2026	08:30 - 10:00	10	Smart technologies: Special imaging and detection	1	Ross	Transforming slug control in the UK	Qing Xue	Jaap-Jan Willig
				2	Steinert	X-ray computed tomography for imaging root system alterations induced by Meloidogyne incognita		
				3	Klein Lankhorst	Life Monitor™: An Emerging Method for Automated Nematode Quantification and Identification		
				4	Dritsoulas	Optimization of Sugar Flotation-Based and qPCR Methods for Reliable Detection of Root-Knot Nematode eggs in soil		
				5	Matar	Combined Automated Imaging and AI-based Morphology Identification Enable Accurate and Scalable Plant-Parasitic Nematode Diagnosis		
Thursday, 4 June 2026	08:30 - 10:00	11	Management: non-chemical control of nematodes	1	Kawalya	Suitability of brassica cover crops for partial biofumigation against potato cyst nematodes under glasshouse conditions.	Misghina Teklu	Rik Peters
				2	Schultz	Toxic effects of Solanum sisymbriifolium on Globodera pallida		
				3	Tumpa	L-Threonine Acid as Key Bioactive Degradation Compounds of Dehydroascorbic Acid Conferring Nematicidal Activity and Induced Resistance in Rice		
				4	Expósito Creo	From lab to field: Can zoophytophagous miridae insects and commercial algae extracts formulate induce resistance against root-knot nematodes in vegetable crops?		
				5	Danwish	A novel bioactive product containing Steinemema feltiae and Pseudomonas ogarae for the management of the cabbage root fly (Delia radicum) and enhancement of plant health		
Thursday, 4 June 2026	08:30 - 10:00	12	Effector Biology and Host manipulation (I)	1	Dickinson	Spatiotemporal Coordination of Effector Expression in Heterodera schachtii by Sensing Compartmentalised Host-derived Signals.	Stephanie Jaubert	Anika Damm
				2	Zhao	The Meloidogyne incognita Effector Minc10750 Hijacks Plant Chitinase to Suppress Immunity and Promote Parasitism.		
				3	Kika	Unmasking Root-Knot Nematode Parasitism: From Life-Stage-Specific Transcriptomics to the Core Effectorome.		
				4	Siddique	Fake It to Make It: Peptide Hormone Mimicry and Small Effectors in Root-Knot Nematodes.		
				5	Chippendale	Identification and characterisation of proteins present in the gelatinous matrix of Meloidogyne incognita egg masses.		
Thursday, 4 June 2026	08:30 - 10:00	13	Nematodes as bioindicators	1	Atira	Ecological impacts of recovered nitrogen from manure (RENURE) products in commercial farms using nematode diversity as a bioindicator of soil health	Gerard Korthals	
				2	Kakouli-Duarte	An ecological sustainability assessment of recycling derived fertilisers using nematodes as environmental indicators		
				3	Ebrahimi	Biogeographic region, land-use and management intensity shape nematode communities		
				4	Vieyra-Ramirez	Nematode diversity and soil health: insights from a study on an Irish built environment		
				5	Du Preez	Inoculation Potential and Functional Roles of Compost Nematodes in Soil Ecosystems		
Thursday, 4 June 2026	14:00 - 15:30	14	Ecology - the other side: there is more than nematodes	1	Groen	Gradients in belowground herbivory may drive geographic clines in plant root defenses	Thomas Kakouli-Duarte	Gerhard Du Preeze
				2	Brown Miyara	Re-evaluating Root Lesion Nematode Disease in Pepper: The Pratylenchus capsici–Microbiome Disease Complex, Their Interactions, and Temperature-Driven Dynamics		
				3	Porazinska	Limited Impact of Gopher Tortoise Activity on Nematode Diversity		
				4	Kantor	Spatiotemporal dynamics of vector-mediated transmission of beech leaf nematode populations		
				5	Salazar-García	How management impacts plant-parasitic nematode communities in Mediterranean olive groves in the face of increasing desertification derived from global change		
Thursday, 4 June 2026	14:00 - 15:30	15	Genomes and genomics	1	Jimenez	CNeGmA: A lineage-aware framework for assessing genome completeness in nematodes	Mark Sterken	Pallavi Shakya
				2	Sathuvalli	Genome Announcement: Draft Genome for Stubby Root Nematode Paratrichodorus allius		
				3	Sirengo	Genome sequencing and analysis of the plant-parasitic nematode Xiphinema americanum and its endosymbiont Candidatus Xiphinematobacter		
				4	Seçkin	Whole-genome detection and origin identification of orphan genes in root-knot nematodes		
Thursday, 4 June 2026	14:00 - 15:30	16	Effector Biology and Host manipulation (II)	1	Mendonça Silva	A transcription factor-duet works in concert to regulate gene expression across the life cycle of the pinewood nematode, Bursaphelenchus xylophilus.	Sebastian Eves-van den Akke	Madalena Mendonça Silva
				2	Molloy	Identification and screening of development-altering effector candidates in Heterodera schachtii.		
				3	Chéreau	Metabolomic to help for deployment of alternatives control solutions against Heterodera carotae.		
				4	Damm	From host signals to parasitism: two antagonistic transcription factors orchestrate sequential effector deployment.		

				5	Shinya	Decoding volatile sex pheromone communication in plant-parasitic nematodes: insights from Bursaphelenchus xylophilus.		
Thursday, 4 June 2026	14:00 - 15:30	17	Chemical control of nematodes	1	Depietra	TYMIRIUM® TECHNOLOGY: ADVANCING PROTECTION OF HIGH-VALUE CROPS AGAINST PLANT-PARASITIC NEMATODES	Tim Thoden	Johan Deseager
				2	Wiles	The Benefits of Nematicide MoA Classification - Work of the IRAC International Working Group on Nematodes		
				3	Radakovic	Residual efficacy and soil health compatibility of 2 modern nematicides in 4 different soils from Sicily.		
				4	Stamatas	REKLEMEL™ ACTIVE: A NOVEL TOOL FOR INTEGRATED NEMATODE MANAGEMENT – KEY LEARNINGS FROM THE DEVELOPMENT IN SOUTHERN EUROPE		
Friday, 5 June 2026	09:30 - 11:00	18	Soil microbe/nematode interactions (II)	1	De Graauw	The exobiome: the composition of (advantageous) microbial communities on the cuticle of plant-parasitic nematodes	Sigal Brown Miyana	Olivera Topalovic
				2	Tukahirwa	Modulating soil microbiome with cover crops to suppress the root knot nematode <i>Meloidogyne chitwoodi</i> on potato		
				3	Abdulsalam	Plant-Plant Interactions Shaped Microbiome-Mediated Suppression of Root-Knot Nematodes in Cowpea–Maize and Cover Crop Systems		
				4	García-Velázquez	From conventional to regenerative agriculture: unlocking soil's natural defence against plant-parasitic nematodes		
				5	Gutiérrez Gutiérrez	VITISBIOTA: Exploring the interaction between the microbiome and nematode activity in vineyards infested by the virus vector nematode <i>Xiphinema index</i> and the root-knot nematodes (<i>Meloidogyne</i> spp.) in Portugal		
Friday, 5 June 2026	09:30 - 11:00	19	Management: host plant / interactions	1	Ahmad	Population dynamics and thermal requirements of <i>Meloidogyne</i> spp. on selected Brassicaceae cover crops.	Wim Wesemael	Inga Zasada
				2	Brinkman	Host plant status of crops to <i>Paratrichodorus anemones</i>		
				3	Desaeger	Summer Cover Crops for Nematode Management in Florida vegetables: A Five-Year Field Study		
				4	Ikoyi	Nematode Response to Microbial Inoculant Application and Sward Diversification in Grassland Soils		
				5				
Friday, 5 June 2026	09:30 - 11:00	20	Plant-nematode ecology	1	Petrikovszki	Microscale habitat exploration of Gaillardia blanket flower for free-living nematodes	Sara Sánchez Moreno	Mihail Kantor
				2	Mulusew	Plant parasitic nematodes of ginger (<i>Zingiber officinale</i> Rosc.) in Southern Ethiopia		
				3	Ferede	Diversity and Molecular Characterisation of Plant-Parasitic Nematodes Associated with Wheat (Triticum aestivum L.) in Ethiopia		
				4	Leonar	Context-dependent responses of nematode food webs in oak plant-soil feedbacks		
				5	Van Bruggen	<i>Meloidogyne enterobii</i> outbreaks in potted ornamental plants in the Netherlands; measures and action plan.		
Friday, 5 June 2026	11:20 - 12:32	21	Plant resistance to nematodes (II)	1	Tom	Long-term genetic analysis of resistance to <i>Pratylenchus</i> spp. and <i>Meloidogyne</i> spp. in sugarcane germplasm	Shahid Siddique	Juan Emilio Palomares-Rius
				2	Schmidt	Resistance of open-pollinated cucurbit rootstocks to <i>Meloidogyne</i> spp. for organic cucumber production		
				3	Langendoen	Poor Hatching: an alternative resistance strategy against Potato Cyst Nematodes?		
				4				
Friday, 5 June 2026	11:20 - 12:32	22	Smart technologies	1	Rusique	Recombinase polymerase amplification-based: rapid and sensitive detection of the rice root-knot nematode <i>Meloidogyne graminicola</i> and screening of <i>M. oryzae</i>	Andre Bertran	
				2	Den Hartog	Cyst Monitor™: Automated Potato Cyst Nematode Quantification and Identification		
				3	Daub	Visualizing early damage impact of Beet Cyst Nematodes in sugar beet field trials using hyperspectral image data		
				4				
Friday, 5 June 2026	11:20 - 12:32	23	Non-chemical control methods	1	Manjoro	Utilising chitin and chitosan soil amendments to reduce potato cyst nematode populations in fallow soil.	Lirette Taning	Johannes Hallmann
				2	Teklu	The efficacy of Bionematicides to key plant-parasitic nematodes		
				3	Visser	Growing potato as a catch crop in late summer to control Potato Cyst Nematodes		
				4	Taning	Effectiveness of (biological) agents against plant-parasitic nematodes under field conditions in tree nurseries		
Monday, 1 June 2026	15:40 - 17:00	A	Plenary session 1	1	Pape	Deep-Sea nematodes as sentinels of anthropogenic impacts: From fundamental ecology to environmental management and governance	Geert Smant	
				2	Thomma	How plant pathogens co-opt ancient antimicrobials for host manipulation		
Tuesday, 2 June 2026	10:30 - 12:30	B	Plenary session 2	1	Geldhof	Emerging Challenges in Managing Nematode Infections Across Human and Veterinary Health	Hans Helder	
				2	Van Stuijs	A Model Phage Resource (CePhi) to Study Ecological, Molecular and Evolutionary Consequences of Nematode-Phage Hitchhiking on the Soil Microbiome		
				3	Jones	Managing <i>Globodera rostochiensis</i> in Kenya using genotypes that combine resistance with grower- and consumer-preferred traits under sub-tropical conditions		
				4	Shakya	High-Resolution Genome Assembly and Linkage Mapping in <i>Meloidogyne</i> hapla Reveal Non-Canonical Telomere Repeats and Recombination Hotspots Associated with Effector Proteins		
				5	Marhavy	Sound as a hidden modality shaping plant–animal interactions.		
Wednesday, 3 June 2026	10:30 - 12:30	C	Plenary session 3	1	Bell	Do parasites exploit mutualistic interactions?	Tina Kyndt	
				2	Daneel	Nematode community dynamics in regenerative and conventional potato-based cropping systems		
				3	Xue Qing	Root phenomics resolve the interaction soil nematode and plant		
				4	Sesia	Evaluation of deep learning-based counting approaches for the automatic quantification of plant-parasitic nematodes		
				5	Truch	The telomere-to-telomere genome of <i>Xiphinema index</i> reshuffles the epigenetic toolkit dogma in nematodes		
Thursday, 4 June 2026	10:30 - 12:30	D	Plenary session 4	1	Sánchez Moreno	Nematode indicators of past, present and future environmental threats	Catherine Lilley	
				2	Topalovic	Microbe-mediated contribution of host plants and soil nematodes to the parasitism and survival of root-knot nematodes		
				3	Molendijk	Integrated Nematode Management as a part of Integrated Crop Management: Six years of onsite research in arable farming: proving the principle		
				4	Jaubert	Plant-parasitic nematode microRNAs hack plant AGO1 to induce host cell reprogramming.		
				5	Thoden	Potential for reduced performance and plant-parasitic nematode resistance development in modern nematicides		