

Programme ICC 2026, Málaga

Scientific Programme

Friday 10 July 2026

9:30-12:30	Registration and poster hang-up
11:30-12:30	Poster session
12:30-13:30	Lunch
13:30-13:45	Welcome
13:45-15:25	Session 1: Genetics & Breeding Chair: Federica Zanetti

13:45–14:05	Keynote lecture: From genetic potential to field performance: breeding strategies for scalable camelina improvement Kayla Lindenback - Bayer, Canada
14:05–14:25	Keynote lecture: Genomics-driven systems biology to improve resilience and seed production in camelina Chaofu Lu - Montana State University, United States
14:25-14:37	<i>CRISPR-Cas9 genome editing to accumulate fat in the hexaploid oilseed crop Camelina sativa</i> Jose A. Aznar-Moreno – Instituto de la Grasa (IG-CSIC), Spain
14:37-14:49	<i>B5 OmicsVerse: a multiomics data discovery and learning platform for bigger better brassicaceae biofuel and bioproducts (B5)</i> Trupti Joshi - Marshall University, Huntington, United States
14:49-15:01	<i>On the road to implement C2 photosynthesis in Camelina sativa</i> Tamara Hernández-Verdeja - Centro de Biotecnología y Genómica de Plantas (UPM-INIA/CSIC), Spain
15:01-15:13	<i>Identification and genomic dissection of downy mildew resistance in camelina</i> Christina Eynck - Agriculture and Agri-Food Canada, Canada
15:13-15:25	<i>Using algal gene resources to improve triacylglycerol production in camelina seeds</i> Yuki Nakamura - RIKEN Center for Sustainable Resource Science, Japan

15:25-15:55	Coffee break
15:55-16:35	Poster flash talk

16:35-18:15	Session 2: Agronomy & Resilience Chair: Christina Eynck
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16:35-16:55	Keynote lecture: Intermediate Crops and Camelina: Unlocking Scalable Feedstocks for SAF Yuri Herreras – Camelina Company, Spain
16:55-17:15	Keynote lecture: Challenges and opportunity for camelina agronomic management in Europe Federica Zanetti - Università di Bologna, Bologna, Italy
17:15-17:27	<i>Progress on identifying salinity tolerant camelina germplasm</i> Marisol T. Berti - North Dakota State University, United States
17:27-17:39	<i>Weed management with camelina in a mediterranean climate</i> Aritz Royo-Esnal - Universitat de Lleida, Spain
17:39-17:51	<i>Uncovering the contribution of 2-cys peroxiredoxins to camelina performance and stress response</i> Juan M Pérez-Ruiz - Instituto de Bioquímica Vegetal y Fotosíntesis (Universidad de Sevilla-CSIC), Spain
17:51-18:03	<i>Linking controlled environment and field drought responses in Camelina sativa</i> Rossella Mastroberardino - Università di Bologna, Italy
18:03-18:15	<i>Low indirect land use change (ILUC) oilseed crops to biobased products in marginal soils: potential and limitations</i> Ana Luisa Fernando - Universidade Nova de Lisboa, Portugal

18:15-19:25	Poster session (odd number)
20:00-22:00	Welcome reception

Saturday 11 July 2026

8:30-10:10	Session 3: Processing, Quality & Metabolism Chair: Edgar Cahoon
8:30-8:50	Keynote lecture: From field to crushing: building a new camelina value chain for sustainable aviation fuel Cedric Dufur - Saipol (Groupe Avril), France
8:50-9:10	Keynote lecture: From field to feed: nutritional potential of camelina cold-pressed cake Olivera Djuragic - University of Novi Sad, Serbia
9:10-9:22	<i>Isotopic tracing of lipid metabolism in developing camelina embryos reveals bottlenecks to engineering high value fatty acid compositions</i> Philip D. Bates - Washington State University, United States
9:22-9:34	<i>Metabolic engineering of camelina for sustainable production of hydroxy fatty acids</i> Hyun Uk Kim - Sejong university, Republic of Korea
9:34-9:46	<i>Metabolism comes full circle: fatty acid breakdown and recycling</i> Doug K. Allen - Donald Danforth Plant Science Center, United States
9:46-9:58	<i>Quantification of Camelina sativa glucosinolates and sinapine in seed and meal: comparing divergent methods</i> Alejandra Garcia Piantanida - Shell International Exploration and Production, United States
9:58-10:10	<i>Targeting lipase activity to enhance oil content in Camelina sativa</i> Timothy Patrick Durrett - Kansas State University, United States
10:10-10:40	Coffee break
10:40-11:20	Poster flash talk
11:20-12:20	Poster session (even number)
12:30-14:00	Lunch
14:00-15:30	Session for Early career Chair: Jose A. Aznar-Moreno

- 14:00-14:07 *Systems analysis of camelina seeds to enhance next-generation sustainable aviation fuels*
Maneesh Lingwan - Donald Danforth Plant Science Center, UNITED STATES
- 14:07-14:14 *Tailoring Camelina sativa seed oil composition through RNAi for enhanced industrial performance*
Enrique J. Clavijo-Bernal – Instituto de la Grasa (IG-CSIC), Spain
- 14:14-14:21 *Impacts on flowering time and seed size in Camelina sativa: unraveling the role of FLC gene*
Martina Ghidoli - University of Milan, Milan, Italy
- 14:21-14:28 *Evolutionary landscape of the Camelina hispida pangenome clarifies the paternal origin of allohexaploid C. sativa*
Šimon Roubal - Masaryk University, Czech Republic
- 14:28-14:35 *DGATs from Vitellaria paradoxa as candidates to promote stearic acid accumulation in Camelina sativa seeds*
Pablo Mesa-Rojas - Instituto de la Grasa (IG-CSIC), Spain
- 14:35-14:42 *Camelina (Camelina sativa L. Crantz) as a summer intermediate crop: agronomic response to protein hydrolysate-based biostimulants*
Luca Martelli - University of Bologna, Italy
- 14:42-14:49 *Camelina-pea intercropping as a viable solution to source low iluc feedstock for the bioeconomy*
Maria Giovanna Sessa - University of Bologna, Italy
- 14:49-14:56 *Heat stress-induced lipidomic remodelling in reproductive structures (seeds and siliques) reveals plasticity in Camelina sativa*
Aline Forgatti Hell - Rothamsted Research, United Kingdom
- 14:56-15:03 *Comparative life cycle inventory of camelina production practices*
Micah R. Gartenberg - North Dakota State University, United States
- 15:03-15:10 *Flue gas desulfurization gypsum as a sustainable amendment for coal mine soil reclamation and camelina-based bioenergy crop production*
Sanju A Sanjaya - West Virginia State University, United States
- 15:10-15:17 *Influence of sowing date and variety on the yield and oil quality of spring camelina in Quebec*
Marine Jacquelin - Université Laval, Canada
- 15:17-15:24 *Validation of a three-cluster framework for salinity tolerance during germination in Camelina sativa*
Alice Vezzosi - University of Bologna, Italy

15:30-16:00

Coffee break

16:00-17:35

Session 4: Sustainability & Markets

Chair: Richard Haslam

16:00-16:20

Keynote lecture: Camelina As A Source Of Feedstock For The Biofuels Market

Alejandro Stewart – Neste Oil Oyj, Finland

16:20-16:40

Keynote lecture: Yields and efficiency of camelina production in Poland

Mariusz J. Stolarski - University of Warmia and Mazury in Olsztyn, Poland

16:40-16:52

From the lab bench to the market: green chemistry production of moth sex pheromones in camelina

Christer Löfstedt - Xianghu laboratory, China

16:52-17:04

Paving the way for plant-based bioproduction of the rice leafroller Cnaphalocrosis medinalis sex pheromone

Baojian Ding - Xianghu laboratory, China

17:04-17:16

Unpackaging opportunities between processing and the final customers

Ramón Calvera – Bunge, Spain

17:16-17:28

Bayer's Newgold™ camelina for scalable low-carbon feedstocks

Kara Isaak – Bayer, United States

17:28-17:40

From field to fork: building a sustainable camelina value chain in Canada and the untapped potential of cold-pressed camelina meal

Chantal Van Winden – Olimega, Canada

17:40-18:40

Policy & Markets Roundtable

Moderator: Richard Haslam

Barbara Smailagic – European Commission, DG ENV

Natalia Carvajal – RSB, Spain

Carlos Díaz - Repsol, Spain

Alejandro Stewart - Neste Oil Oyj, Finland

Ramón Calvera – Bunge, Spain

Kara Isaak – Bayer, Canada

Chantal Van Winden – Olimega, Canada

18:40-19:00

Closing statements and Discussion on Upcoming Meetings

19:00-20:00

Farewell Networking

