

FIRST DAY – April 22, 2024	
08:30 – 09:15	Registration of Participants and poster’s installation
09:15 – 09:30	CONFERENCE OPENING ‘-Welcome Speech

WORKING GROUP 1 ‘- RECALCITRANCE	
Moderators: Sandra Correia, Itziar A. Montalbán	
09:30 – 10:15	<u>Keynote Speaker:</u> Jaroslav Nisler Potential and mode of action of novel CKX inhibitors in <i>in vitro</i> cultures
10:15 – 11:00	Coffee Break
11:00 – 11:15	Giovanni Broggin Strategies to understand and overcome recalcitrance to tissue culture in apple
11:15 – 11:30	Anne-Mareen Eisold The project “Wood of value” (Wertholz) — a forest tree breeding story
11:30 – 11:45	Hannes Wilms The impact of translocation mechanisms and plant architecture on the success or failure of propagation, a thidiazuron case study
11:45 – 12:00	Loredana Moffa Advancements in <i>in vitro</i> culture techniques and genetic transformation for grapevine improvement
12:00 – 12:45	Posters’ session
12:45 – 14:15	Lunch Break
14:15 – 14:30	Caroline Teyssier Does infrared spectrometry help in the study of somatic embryos maturation?
14:30 – 14:45	Mariana Neves The effect of ethylene modulation on <i>Solanum betaceum Cav. in vitro</i> regeneration: from meristem propagation to somatic embryogenesis
14:45 – 15:00	Paula Oros Improvement of <i>in vitro</i> regeneration in <i>Passiflora quadrangularis</i> — a recalcitrant species
15:00 – 15:15	Dhekra Abdouli Topolin cytokinins enhanced shoot proliferation, reduced hyperhydricity and altered cytokinin metabolism in <i>Pistacia vera L.</i> seedling explants
15:15 – 15:30	Saila Varis Plant Growth regulators in somatic embryogenesis of Norway spruce and Scots pine- testing the effect of cytokinin oxidase inhibitors
15:30 – 16:00	Coffee Break

WORKING GROUP 5 ' - COMMUNICATION Moderators: Valbona Sota; Branislav Cvjetkovic	
16:00 – 16:15	Bruce Christie Using micropropagated trees in a community-owned revegetation project on neglected land
16:15 – 16:30	Andrea Rupps PInK-net: Resuming the network idea of <i>in vitro</i> tree labs in Germany
16:30 – 16:45	Monika Hoffer Exploiting the untapped potential of fruit tree wild DIVERSITY for sustainable agriculture
16:45 – 17:00	Stéphane Maury Epigenetics as a regulator of tree specialized metabolites <i>in vitro</i> production
17:00 – 17:15	Valbona Sota Present and future perspective on knowledge-sharing and stakeholder engagement strategies on CopyTree
17:15 –	WG1 and WG2 meetings

SECOND DAY – April 23, 2024	
WORKING GROUP 3 ' - AUTOMATION Moderators: Nieves Vidal; Liva Purmale	
09:00 – 09:45	<u>Keynote Speaker:</u> Ander Castander-Olarieta Somatic embryogenesis in pines: from mass propagation to stress response and adaptation
09:45 – 10:00	Xuan Xu Production of high-value molecules using apple cell suspension cultures
10:00 – 10:15	Lorenzo Burgos Temporary immersion system and addition of silver nanoparticles to eliminate pathogens in apricot (<i>Prunus armeniaca</i> L.)
10:15 – 11:00	Coffee Break
11:00 – 11:15	Brunilda Çuko Overcoming challenges for micropropagation of <i>Prunus domestica</i> cv. <i>Tropojane</i> in various TIS bioreactor systems
11:15 – 11:30	Sladjana Jevremovic Recent advances in somatic embryogenesis induction in <i>Aesculus</i> species
11:30 – 11:45	Mariana Correia Morpho-physiological evaluation of <i>Solanum betaceum</i> Cav. <i>in vitro</i> cloned plants: a comparison of different micropropagation methods
11:45 – 12:00	Yildiz Aka Kacar Somaclonal variation in <i>in vitro</i> culture

12:00 – 12:30	Posters' session
12.30 – 14.15	Lunch Break
14:15 – 14:30	Pierre Videau Vineyard evolution: advancing with embryogenic callus technology
14:30 – 14:45	Faheem Shehzad Baloch Genetics, genomics, and machine learning applications in the propagation of woody plants: Case studies on Laurel and Peruvian Rosewood

WORKING GROUP 4 ' - RISK ASSESSMENT	
Moderators: Yesim Yalçin Mendi; Pilar S. Testillano	
14:45 – 15:30	Keynote Speaker: Selim Çetiner The impact of regulatory oversight on the development and adoption of plant biotechnology
15:30 – 16:00	Coffee Break
16:15 – 16:30	Madlen Walther Somatic embryogenesis in conifers: Present state and application in Germany
16:30 – 16:45	Bora Onur Hallaç Micropropagation of <i>Phalaenopsis</i> using temporary immersion system
16:45 – 17:00	Buhara Yucesan Strategic innovations in <i>in vitro</i> woody crop production: Balancing technical excellence with market and stakeholder dynamics
17:00 – 17:15	Branislav Cvjetkovic Addressing forest seed challenges: Exploring somatic embryogenesis and tissue culture for tree propagation
17:15 – 18:30	WG3, WG4 and WG5 meetings
19:30 –	SOCIAL DINNER

THIRD DAY – April 24, 2024	
WORKING GROUP 2 ' - SANITATION and CONSERVATION	
Moderators: Elif Aylin Ozudogru; Claudia Ruta	
09:00 – 09:45	Keynote Speaker: Bart Panis Cryotherapy, breeding instrument, commercial stock deposit; Cryopreservation is more than a long-term conservation tool for of plant genetic resources
09:45 – 10:00	Corina Catana 3D plant imaging in woody tissue culture practice
10:00 – 10:15	Conchi Sánchez Chestnut gene soldiers against <i>Phytophthora cinnamomi</i> infection

10:15 – 11:00	Coffee Break
11:00 – 11:15	Ine Dewitte Detection of plant viruses with high-throughput sequencing and <i>in vitro</i> elimination of detected viruses
11:15 – 11:30	Vera Pavese Susceptibility genes: the new frontier of improving plant tolerance to pathogen
11:30 – 11:45	Volodymyr I. Lushchak Enhancement of medicinal bioactive compounds of <i>Gynura procumbens</i> by silver nitrate and phytohormones: Perspective in phytotherapy for diabetes and cancer
11:45 – 12:00	Tuija Aronen Dormant bud cryopreservation to supplement elm genetic resources conservation in Finland
12:00 – 12:45	Posters' session
12:45 – 14:15	Lunch Break
14:15 – 14:30	Daniela Cordeiro CopyAlderTrees — propagation of selected genotypes tolerant to <i>Phytophthora</i>
14:30 – 14:45	Sandra Correia Micropropagation tools for the characterization and conservation of valuable agri-food germplasm: case studies from the CULTIVAR Project in Portugal
14:45-15:00	Doaa Elazab Micropropagation and <i>in vitro</i> conservation of <i>Zizyphus spina-christi</i> L. germplasm by using abscisic acid
15:00 – 15:15	Closing talk
15:15 – 15:30	Break
15:30 – 17:30	Management Committee Meeting