

Conference Program

Monday, 29 September

Location: [Falkensteiner Hotel](#)

14:00 -18:00	Registration of participants
15:30 – 16:00	Historical overview of maize breeding at Maize Research Institute "Zemun Polje" Jovan Pavlov, Maize Research Institute, Serbia
16:00 – 16:20	TBD Alain Charcosset, INRA, France
16:20 – 16:40	CIMMYT Tropical Maize Breeding: Enhancing Productivity and Climate Resilience Thanda Dhlwayo, CYMMIT, Mexico
16:40 – 17:00	Rapid Population Improvement using Fertile and Vigorous Haploids in Maize Thomas Lubberstedt, Iowa State University, USA
17:00 – 17:30	Coffee break and e-poster session
17:30 – 17:50	Agronomic and genetic approaches, including CRISPR, for producing low asparagine wheat, in the context of evolving regulations on genome edited crops and acrylamide in food Nigel G. Halford, Rothamsted Research, UK
17:50 – 18:10	Separating Genetic and Environmental Impacts on the Maize Microbiome Jason G. Wallace, University of Georgia, USA
18:10 – 18:30	Is Phenomics a Good Investment for Crop Improvement? A Texas Maize Breeder's Perspective Seth C. Murray, Texas A&M University, College Station, USA
18:30 – 18:50	TBD Alexis Comar, France
18:50 – 19:30	Discussion

Tuesday, 30 September

Location: [Falkensteiner Hotel](#)

8:30 – 8:50	A novel tool for longitudinal phenotyping in maize: Towards the „clinical trials“ in agriculture Vlatko Galić, Agricultural Institute Osijek, Osijek, Croatia
8:50 – 9:10	Integrating High-Throughput Field Phenotyping into Maize Breeding: PHENO_MaizE Project Achievements and Preliminary Results Aleksandar Kovačević, Maize Research Institute, Serbia
9:10 – 9:30	Molecular Strategies for Thermotolerant Pollen: A Translational Perspective David Honys, Czech Academy of Sciences, Czech Republic
9:30 – 9:50	SNP analysis for maize breeding progress in Ukraine Viktoria Semenova, SPFE Company MAIS, Ukraine
9:50 – 10:10	The effect of low temperatures on the maize transcriptome during the emergence stage Manja Božić, Maize Research Institute, Serbia
10:10 – 10:20	Discussion
10:20 – 10:50	Coffee break and e-poster session
10:50 – 11:10	Mitigation of mycotoxin contamination along the cereal food chains: advanced strategies in the current climate crisis Antonio Moretti, Italy
11:10 – 11:30	Herbicide Tolerant Maize and Soybeans in USA: 25 years later Stevan Knezević, University of Nebraska, USA
11:30 – 11:50	Maize (<i>Zea mays</i> L.) Hybrids response to relative time of the emergence of weeds and their weed competitive ability in a Mediterranean environment Ilias Travlos, Agricultural University of Athens, Greece
11:50 – 12:10	Advancing Precision Application Science through MRIZP and PAT Lab Collaboration Miloš Zarić, University of Nebraska, USA
12:10 – 12:30	Impact of nanostructured nitrogen fertilizer "nano urea" on morpho-agronomical traits of common wheat (<i>Triticum aestivum</i> L.) Primož Titan, University of Maribor, Slovenia
12:30 – 12:40	Discussion
12:40 – 13:40	Lunch

13:40 – 14:00	What we learned so far considering acrylamide in thermally processed foods? Vural Gökmen, Hacettepe University, Türkiye
14:00 – 14:20	Acrylamide in cereal snacks and possibilities for its mitigation Zuzana Ciesarová, Food Research Institute in Bratislava, Slovakia
14:20 – 14:40	Exploring the Bioactive Compounds of ZP Cereals and Legumes and Their Potential Applications: Bridging Food Science with Modern Breeding Valentina Nikolić, Maize Research Institute, Serbia
14:40 – 14:50	Discussion
14:50 – 15:10	From seed science to ISTA rules for seed testing Florina Palada, ISTA, Switzerland
15:10 – 15:30	TBD Said Hafidh, Czech Republic
15:30 – 15:50	The ECPGR European Evaluation Network EVA, successful public-private partnerships for evaluation of European PGRFA Sandra Goritschnig, ECPGR, Italy
15:50 – 16:00	Discussion
16:00 – 16:30	Coffee break and e-poster session
16:30 – 16:45	TBD Kristina Petrović, Maize Research Institute, Serbia
16:45 – 17:00	Practical breeding methods: Example of a common bean breeding program from Slovenia Barbara Pipan, Agricultural Institute of Slovenia, Slovenia
17:00 – 17:15	The Field Diagnostic Toolbox Eva Sarigiannidou, Interbalkan Environment Center, Greece
17:15 – 17:30	Nutritional quality of field crops: Cereal grains and groats example Lovro Sinkovič, Agricultural Institute of Slovenia, Slovenia
17:30 – 17:45	Detection of root pests in maize using proximal hyperspectral imaging Uroš Žibrat, Agricultural Institute of Slovenia, Slovenia
17:45 – 18:00	Amplifying the societal impact of European Funded research programmes: how to engage stakeholders and share best practices Eva Sarigiannidou, Interbalkan Environment Center, Greece
18:00 – 18:30	Discussion
20:00 – 23:00	Social dinner

Wednesday, 1 October

10:00 -14:00	Educational events Location: Maize Research Institute , Belgrade, Serbia
10:00 – 11:00	Workshop 1: Genotyping and Phenotyping Strategies to Improve Breeding Outcomes at the Maize Research Institute Zemun Polje Marija Kostadinović, Vesna Perić, Sanja Perić
11:00 – 11:15	Discussion
11:15 – 12:15	Workshop 2: Spectroscopy in food analysis Marijana Simić
12:15 – 12:30	Discussion
12:30 – 13:30	Workshop 3: Building scientific success: The Role of PMO and HR in Research Institutions Iva Savić, Aleksandra Ognjanović
13:30 – 14:00	Discussion and closing remarks
	Excursion Location: Oplenac, Serbia