

PROGRAM**DAY1 – TUESDAY 4th OCTOBER**

9:00-9:30	Registration
9:30-10:00	Welcome and Introduction to the COST Action CA18210 J. Pirrello / P. Kalaitzis / D.Misic
	Chair: Danijela Misic
10:00-10:50	Angelos Kanellis Low Oxygen Action on Fruit Tissues: A Renaissance of the First Scientific Love - How it Was Started and How it Was Progressed
10:50-11:20	Coffee Break
11:20-11:40	Julien Pirrello Transition to ripening in tomato fruit needs genetic reprogramming initiated in gel tissue
11:40 - 12:00	Panagiotis Kalaitzis Alterations in the expression of prolyl 4 hydroxylase 3 induces significant changes in tomato fruit ripening
12:00 - 13:30	Lunch
	ECI session
13:30 - 13:40	ECI introduction – B. Van de Poel / M. Vidovic / S. Hartman
13:40 – 14:00	Jasmina Nikodinovic Reducing the carbon footprint of a research scientist
14:00 – 14:15	Anton Shiriaev The Impact of selenium enrichment on tomato fruit metabolome and transcriptional regulation
14:15 – 14:30	Nurdan TUNA GÜNES The Effects of Low Oxygen Applications and Different Storage Conditions on the Sensory Properties of 'Santa Maria' and 'Ankara' Pear Cultivars
14:30 – 14:45	Maria Lobato Gomez Metabolic engineering to improve tomato fruit quality
14:45 - 15:00	Oliver Tusevski Phenolic compounds contents and antioxidant activity of apples stored in a controlled atmosphere
15:00 – 15:15	Theresa Weigl Impact of 1-MCP treatment and low oxygen storage conditions on post-harvest ethylene production depends on the apple cultivar
15:15-15:30	Shiyu Ying Regulation and role of ERF.E in climacteric fruit ripening
15:30 – 16:00	Coffee break
16:00 – 16:15	Ntoanidou Symela Transcriptome analysis and functional characterization of genes involved in the phenolic diterpenoids' biosynthetic pathway in <i>Rosmarinus officinalis</i>
16:15 - 16:30	Sonja Rašeta Influence of flooding on growth performance of selected tomato genotypes from Gene Bank of Republic of Srpska
16:30 – 18:00	Panel discussion with junior PI's at different stages of their academic career and the ECI members Coffee break

DAY2 – WEDNESDAY, 5TH OCTOBER

	Chair: Mondher Bouzayen
9:30-9:50	Miloš Mojović

	Employing EPR spectroscopy and imaging to expose oxidative stress in plants
9:50 – 10:10	D. Gibbs Hypoxia signalling via functionally distinct plant N-degron pathway targets
10:10-10:30	Sjon Hartman Remember the Rain: VRN2 Encodes Hypoxia Memory to Enhance Long-Term Flooding Tolerance
10:30–11:00	Coffee Break
11:00-11:20	Tony Granell Tomato antioxidant composition in the fruit: natural and generated diversity
11:20 -11:40	Gianfranco Diretto Genome editing-induced remodeling of allergen and glycoalkaloid composition in tomato
11:40 – 12:00	Paul Fraser Isoprenoid biosynthesis and sequestration in tomato fruit and the role of plastoglobuli
12:00 - 13:30	Lunch
	Chair: Panagiotis Kalaitzis
13:30-13:50	B. Van de Poel Leaf ontogeny and epinasty: how development steers morphological plasticity during waterlogging stress in tomato'
13:50-14:10	Mustafa Erkan The Effect of Low Oxygen Storage vs 1-Methylcyclopropene in Different Tomato Types and Cultivars During Ripening
14:10 – 14:30	B. Nicolai Oxygen transport and hypoxia in tomato fruit during development
14:30 - 14:50	Danijela Mistic Berries of hypoxia-tolerant Solanum dulcamara L.: a convenient model system to study redox processes in relation to fruit ripening
14:50 - 15: 10	Agata Leszczuk Arabinogalactan protein is a molecular and cytological marker of the fruit ripening process
15:10 - 15:40	Coffee break
15:40-16:00	Beatriz BIELSA PEREZ Biomarkers for oxygen sensing and waterlogging in Prunus rootstock
16:00-16:20	Aylin ALTAN Development of moisture resistant visual oxygen indicator in packaged fruits
16:20 – 16:40	Margarida Ana Fortes SIGRAS10 mutants exhibit lower seed number and subtle delay in fruit ripening
20:00	Gala diner Restaurant "Dva jelena" in the bohemian quarter "Skadarlija"

DAY3 - THURSDAY 6TH OCTOBER

09:30-11:00	Working Group parallel sessions		
	Working Group Hormonal profiling	Working Group Post-harvest challenge	Working Group Low oxygen and ROS in plant physiology
11:00 – 11:30	Coffee break		
11:30-12:00	Working Group restitution and general discussion		

12:00-13:30	Lunch
13:30-16:00	Meeting of the Management Committee CA18210 – only for MC members
18:00	Celebration of jubilee "50 years of Serbian Plant Physiology Society" in Botanical garden "Jevremovac"