

	Monday, May 20, 2024		Tuesday, May 21, 2024		Wednesday, May 22, 2024
	SASA Main lecture hall - 2nd floor				
8:15-8:45	Registration				
8:45-9:00	Opening ceremony				
9:00-9:30	Joanna Pawlat - Low Temperature Plasma Treatment of Plants- Overview of WG3 and Comments on Joint Activities and Future Plans	9:00-9:30	Matteo Gherardi - WG5 overview PIAgri WG5 - Applications of plasma processes and technologies in food industry: summary and analysis of WG activities	9:00-9:30	Pankaj Attri I9 Plasma-assisted nitrogen fixation to increase agricultural yield
9:30-10:00	Toshiro Kaneko H1 Effects of plasma synthesized dinitrogen pentoxide on plant fertilization, secondary metabolism, and plant immunity	9:30-10:00	Romolo Laurita I5 Applications of plasma processes and technologies in food industry: packaging and food sanitation	9:30-09:50	Victoria Crespo Torbado T11 Non-thermal atmospheric plasma as an innovative process for the production of biofertilisers with high Ammonium and Nitrate content
10:00-10:30	Masafumi Jinno I2 Molecular introduction using Discharge Plasma for Plant and Fish	10:00-10:30	Mahesha M. Poojary I6 Impact of Plasma Treatment on the Chemical Stability of Food Components	09:50-10:10	Bridget Kumi T12 Evaluating role of dielectric barrier discharge plasma on nitrogen dynamics in slurry and digestate to optimise it as fertilisers in agriculture
10:30-11:00	Coffee break	10:30-11:00 10:40	Coffee break Group Photo	10:30-11:00	Liutauras Marcinauskas T13 Treatment of marine and fresh water microalgae by gliding arc discharge plasma
11:00-11:30	Tomislava Vukusic Pavicic - WG2 overview & Alterations upon Cow Milk Aroma Profile Induced by High Voltage Plasma Discharge Treatment	11:00-11:30	Zdenko Machala - WG4 overview PIAgri WG4: summary and analysis of different types of plasma-liquid systems	11:00-11:20	Kristina Trebulová S5 Decontamination effects of the plasma gun tested on various surfaces
11:30-12:00	Thierry Dufour I3 Understanding the Crucial Role of Seed Hydration upon Cold Plasma Processing: From Fundamental Insights to Practical Implications	11:30-12:00	Petr Lukeš I7 Characterization of chemical and antibacterial properties of plasma-treated liquids	11:20-11:40	Danyang Liu S6 Correlation Between Lipid Oxidation in Oil-in-Water Emulsion and Species Concentrations in Plasma-Treated Water
12:00-12:30	Zsuzsanna Kolbert I4 Reactive nitrogen species as plant signals for stress amelioration	12:00-12:30	Tomoyuki Murakami I8 Complexity visualization and numerical simulation of reacting chemistry in plasma-treated liquids	11:40-12:00	Jan Cech T14 CaviPlasma: High-throughput plasma treatment of liquids in horticulture WG4
12:30-12:50	Monica Maguireanu T1 Plasma treated wastewater for agricultural reuse WG2	12:30-12:50	Yoshihisa Ikeda T6 Impact of Multiple Microplasma Treatments on Molecular Introduction in Plant Cells	12:00-12:20	Fernando Alba-Elias T15 Antibacterial effect of Plasma Activated Water against <i>L. monocytogenes</i> and <i>E. faecalis</i>
12:50-15:00	Lunch break	12:50-15:00	Lunch break	12:20-12:40	Palma Rosa Rotondo T16 Plasma-Activated Fog (PAF) as a new alternative technology for fruit decontamination against postharvest fungal pathogens and pesticide residues
15:00-15:20	Marianna Roggio T2 Aerosol Assisted Atmospheric Pressure Plasma deposition of fungicide and bacterial spores containing coatings	15:00-15:20	Suzana Živković T7 Metabolic response of carrot calli to PAW and direct plasma treatment	12:40-12:50	Final remarks and Closing
15:20-15:40	Nina Recek T3 Plasma-generated UV and VUV radiation for successful aflatoxin removal	15:20-15:40	Ludmila Čechová T8 Study of Plasma Treated Wastewater Effect on Plant Germination, Early Growth and Nutrient Composition	12:50-15:00	Lunch break
15:40-16:00	Paul Maguire T4 Towards a plasma dose definition: analysing the destruction of DNA and amino acids by cold plasma radicals	15:40-16:00	Lokeswari Ramireddy T9 Influence of cold plasma on ancient einkorn and common wheat flours		
16:00-16:20	Karol Hensel T5 Plasma activated water and its chemically equivalent solutions: Effects on growth, development of selected seed and plants	16:00-16:20	Cristina Muja T10 Cold plasma technology for food safety improvement of seed sprouts		
16:20-16:40	Plamena Marinova S1 Direct plasma treatment and plasma activated water effects on crops with high economic significance	16:20-16:40	Changtao Chen S3 Degradation mechanism of micropollutants in water by O atom produced by atmospheric pressure He/O ₂ plasma jet		
16:40-17:00	Tom Field S2 Plasma generation in liquids	16:40-17:00	Domenico Aceto S4 Comparison of different Plasma Activated Water produced by different plasma devices by optical and analytical techniques		
17:00-18:30	Klub SASA - 1st floor Refreshments & Poster session	17:00-17:15	Refreshments		
		17:30-19:00	Walking tour 'Belgrade Underground' - optional		
		20:30-22:30	Social dinner - optional (paid by participants)		

work group leader
invited lecture
topical lecture
stsm