

session	name	surname	presentation type	number	abstract title
1	Heinz	Rennenberg	IL	1	The temperature response of respiration: a window to physiological processes
1	Alessandro	Peressotti	IL	2	Carbon balance of surfaces vs ecosystems: advantages of measuring eddy covariance and soil respiration simultaneously in dry grassland ecosystems
1	Zoltan	Nagy	IL	3	Carbon dynamics of a beech stand after man-made disturbances
1	Urša	Vilhar	SL	1	Climate signal in tree-ring width and stable isotope composition in European larch (<i>Larix decidua</i> (Mill.))
1	Polona	Hafner	SL	2	The carbon cycle of woody plants invaded dry calcareous pastures
1	Dominik	Vodnik	SL	3	Linking water and carbon in Mediterranean ecosystems
1	Giorgio	Alberti	SL	4	Perspectives and opportunities in plant science research of synchrotron microscopy and spectroscopy techniques
2	Diane	Eichert	IL	1	Studies of Cd accumulation and tolerance mechanisms from organ to molecular level in a Cd hyperaccumulator <i>Thlaspi praecox</i> using X-ray techniques
2	Katarina	Vogel-Mikuš	IL	2	Physiological and biochemical aspects of cadmium interaction with copper and zinc in <i>Lemna minor</i> L.
2	Željka	Vidaković-Cifrek	IL	3	Strategies of UV-B absorbing substances production
2	Alenka	Gaberščik	SL	1	Influence of light, environmental and soil temperature on growth of common beech fine roots
2	Peter	Železnik	P	1	Physiological changes in common bean and hop plants exposed to drought stress
2	Andreja	Čerenak	P	2	Proteolysis plays a role in desiccation tolerance of resurrection plants
2	Živko	Jovanović	P	3	Resurrection and non-resurrection plants of the same family differ in their protein profiles on exposure to drought
2	Marjetka	Kidrič	P	4	Changes in watermelon leaves induced by NaCl stress: chloroplast ultrastructure, plastid pigment content and photosynthetic rate
2	Kristina	Batelja Lodeta	P	5	Toxicity assessment of nano-TiO ₂ in <i>Allium cepa</i> roots
2	Jasna	Dolenc Koce	P	6	Phytoremediation of Military Training Areas with a Selection of Woody Plants
2	Hojka	Kraigher	P	7	<i>Elodea nuttallii</i> , an invasive alien species in river Drava (Slovenia)
2	Zdenka	Mazej Grudnik	P	8	Mineral analysis of water lettuce (<i>Pistia stratiotes</i>) from Sava oxbow lake in Prilipe
2	Špela	Koren	P	9	

3	Krunoslav	Sever	P	10	Use of portable chlorophyll meter for assessment of nitrogen nutrition of pedunculate oak (<i>Quercus robur</i> L.)
3	Michael	Freeling	IL	1	A fractionating tetraploidy that happened 10 MYA in the Zea lineage changed gene content, gene expression and explains the huge heterosis and genetic diversity characterizing maize today
3	Marina	Dermastia	IL	2	Amazing maze of maize and other cereal endoreduplication
3	Ales	Lebeda	IL	3	Biodiversity of wild <i>Lactuca</i> spp., their evaluation and exploitation
3	Thomas	Roitsch	IL	4	Role of carbohydrate partitioning for plant growth and development
3	Hrvoje	Fulgosi	IL	5	Unexpected links connecting photosynthesis with plant stress responses
3	Tine	Grebenc	IL	6	Postglacial migration of truffles in Europe
3	Jožica	Gričar	IL	7	Monitoring seasonal dynamics of xylem and phloem formation in trees – the state of the art
3	Dragan	Vinterhalter	SL	1	Phototropic response of potato shoot cultures
3	Peter	Prislan	SL	2	Cambial activity and wood formation in beech (<i>Fagus sylvatica</i>) studied with different techniques
3	Maks	Merela	SL	3	Characteristics of reaction zones in beech (<i>Fagus sylvatica</i> L.)
3	Katarina	Čufar	SL	4	Spatial and temporal variability in tree-ring widths and leaf phenology of beech from different sites in Slovenia
3	Klemen	Novak	SL	5	Wood formation and cambial activity in <i>Pinus halepensis</i> from three sites in Spain
3	Eva	Kristkova	P	1	Willow-leaf lettuce - distribution and variation
3	Barbara	Pipan	P	2	Genetic diversity of oilseed rape populations from different habitats in Slovenia using microsatellite markers
3	Živa	Fišer Pečnikar	P	3	Genetic variability of <i>Daphne blagayana</i> in the Balkan Peninsula
3	Dalibor	Vladović	P	4	The Papilionaceen-collection of the Herbarium C. Studniczka, Natural History Museum Split (Croatia)
3	Snježana	Jurić	P	5	Design and assessment of the complementation assay in <i>Arabidopsis</i> trol mutants
3	Ana	Tomasic Paic	P	6	Gene expression patterns in TROL deficient plants
3	Dubravko	Pavoković	P	7	Comparative proteomic analysis of the secreted proteins of sugar beet cell lines
3	Vera	Cesar	P	8	Lodging related stem anatomy and guaiacol peroxidases in two barley cultivars
3	Marina	Dermastia	P	9	The majority of maize caryopsis cytokinins accumulate in the pedicel

3	Milorad	Vujicic	P	10	IBA and BAP effects on the morphogenesis of moss <i>Anoetangium hornschuchianum</i> (Pottiaceae) grown in culture in vitro
3	Marina	Dermastia	P	11	Ultrastructural changes of cells in leaf abscission zone of tomato plant
3	Aleš	Kladnik	P	12	Distribution of DNA in endopolyploid nuclei of melon (<i>Cucumis melo</i>)
3	Suzana	Škof	P	13	Sex expression and ploidy in monoecious hop plants
4	Richard	Visser	IL	1	Keys to durable resistance strategies in crop plants
4	Kristina	Gruden	IL	2	Deciphering biology of potato - PVY interaction
4	Andreja	Urbanek Krajnc	IL	3	Application of salicylic acid induces antioxidant defense responses in the phloem of <i>Picea abies</i> after attack by <i>Ips typographus</i>
4	Saša	Širca	IL	4	Host response to infection with plant-parasitic nematodes
4	Maruša	Pompe Novak	SL	1	Distribution and relative quantification of Potato virus YNTN RNA and viral particles in potato plants
4	David	Dobnik	SL	2	Functional analysis of genes involved in potato-PVY interaction
4	Marina	Katanić	P	1	Identification of symbiotic root-associated fungi on poplars from a pyrite contaminated site
4	Melita	Hrenko	P	2	Ectomycorrhizal diversity of <i>Alnus viridis</i> (Chaix) DC from three subalpine sites in Slovenia
4	Matevž	Likar	P	3	Characterisation of fungal root endophytes of <i>S. caprea</i> growing at metal enriched site
4	Nada	KraĀjevec	P	4	Sorghum plant defense compounds activate mechanisms for their detoxification in the phytopathogenic fungus <i>Cochliobolus lunatus</i>
4	Katja	Stare	P	5	Studying potato proteome after infection with virus PVY
5	Mateja	Germ	IL	1	Beneficial role of selenium in plants
5	Stanislav	Mandelc	IL	2	Proteomic studies of Verticillium wilt of hop
5	Matthew	Dickinson	IL	3	The development of new methods for phytoplasma diagnostics
5	Urška	Čepin	SL	1	One-step RT real-time PCR assay for the detection and quantification of Grapevine fanleaf virus
5	Špela	Baebler	SL	2	GoMapMan: helping plant scientist fight the omics data
5	Meti	Buh Gašparič	SL	3	Recombinant protein purification - from Arabidopsis seed extracts to vaccine
5	Peter	Dolničar	P	1	Vertical resistance to Late Blight expressed in advanced clones of potato breeding program
5	Špela	Mechora	P	2	Effect of selenate treatment on Se concentration in cabbage plants

5	Branka	Vinterhalter	P	3	Production of secondary metabolites in in vitro cultures of <i>Gentiana dinarica</i> Beck.
5	Dunja	Šamec	P	4	Comparative antioxidant capacity of Jiaogulan (<i>Gynostemma pentaphyllum</i>) water and methanol extracts measured by various tests
5	Dany	Morisset	P	5	GMOseek: an algorithm to improve the detection of GMOs in food, feed and environmental samples
5	Dejan	Štebih	P	6	Extraction of DNA from different food and feed matrices using automated method
5	Petra	Nikolić	P	7	Real-time PCR detection assays for specific detection of three phytoplasma from apple proliferation
5	Nina	Prezelj	P	8	Rapid diagnostic for economically important phytoplasmas in grapevine and fruit trees
5	Ida	Istinić	P	9	Expression of recombinant clitocyprin, potential biological insecticide, in <i>Solanum tuberosum</i>
YPS	Iva	Janković	P	1	Influence of stress-hormone treatments (ABA, SA, JA) on the <i>Brassica rapa</i> seedlings
YPS	Ines	Štraus	P	2	Phenological stage of beech seedlings (<i>Fagus sylvatica</i> L.) in rizotrons
YPS	Marta	Frlic	P	3	Effects of CuO nanoparticles on growth and development of sunflower (<i>Helianthus annuus</i> L.)
YPS	Eva	Kovačec	P	3	Effects of CuO nanoparticles on growth and development of sunflower (<i>Helianthus annuus</i> L.)
YPS	Marko	Chersiocola	P	4	Effects of TiO ₂ nanoparticles on growth and development of sunflower and maize
YPS	Larisa	Grgur	P	4	Effects of TiO ₂ nanoparticles on growth and development of sunflower and maize
YPS	Edo	Džafić	P	5	Arbuscular mycorrhizal fungus <i>Glomus mosseae</i> eliminates autotoxic effects in maize (<i>Zea mays</i> L.)

session 1	Carbon cycling	IL	invited lecture
session 2	Abiotic interactions	SL	short lecture
session 3	Growth and development	P	poster
session 4	Biotic interactions		
session 5	Applied botany		

YPS Young plant scientists