

	<p>2nd EPSO Conference – In honour of Jeff Schell</p> <p>“Interactions in Plant Biology: cells, plants and communities”</p> <p>Final Conference program</p> <p>Ischia, Italy - October 2004</p> <p>http://www.epsoweb.org/catalog/conf2004.htm</p>	
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Sunday	10 October 2004	
From 13:00	Registration	
15:00 – 18:00	<p>Opening Chair: Karin Metzloff, EPSO, Gent, BE & Paolo Costantino, Rome, IT</p> <p>Plant Science in Europe Chair: Marc Zabeau, Gent, BE Co-Chair: Mauro Cresti, Siena, IT</p> <p>Posters related to this session: P 001 – P 003</p>	<p>Speakers: Karin Metzloff and Paolo Costantino (20 min) <i>Executive Director of the European Plant Science Organisation</i> <i>Istituto Pasteur Fondazione Cenci Bolognetti, Università La Sapienza, Rome.</i> Welcome from EPSO</p> <p>Gioacchino Fonti, Rome, IT (20 min) <i>Director General for the Development and Internationalization of Science - Ministero dell'Instruzione, dell' Università e della Ricerca (MIUR)</i> Welcome from the Italian Ministry of Education, Universities and Research</p> <p>Speakers: Chris Patermann, European Commission (30+10 min) Director DG Biotechnology, Agriculture and Food S 001 Current Developments and Outlook on European Science Discussion</p> <p>Federico Mayor, Madrid, ES (30+10 min) S 002 <i>President of the ERC Expert Group</i> Europe needs a European Basic Research Fund Discussion</p> <p>Marc Zabeau, Gent, BE (20+10 min) S 003 <i>Chairman of the EPSO Board</i> The European Technology Platform “Plants for the Future” Discussion</p> <p>Wilhelm Gruissem, Zürich, CH (20+10 min) S 004 “European Plant Science: A Field of Opportunities” The scientist's long-term vision for European plant science Discussion</p>
18:00	Break	
19:00 – 20:30	<p>Keynote in Honour of Jeff Schell Chair: Michael Bevan, Norwich, UK</p>	<p>Speaker: Marc Van Montagu, Gent, BE (60+15 min) S 005 Perspectives in Plant Science</p>
20:30	Welcome Reception	
Monday	11 October 2004	
8:30 – 10:30	<p>Interactions within cells I: Ubiquitin Chair: Jean-Marc Neuhaus, Neuchatel, CH Co-Chair: Giorgio Morelli, Roma, IT</p> <p>Posters related to this session:</p>	<p>Speakers: Jean-Marc Neuhaus, Neuchatel, CH (30+5 min) S 006 Protein traffic in the secretory pathway</p> <p>Crisanto Gutierrez, Madrid, ES (25+5 min) S 007 Cell Cycle Regulation and proteolysis</p>

	P 004			
			Pascal Genschik , Strasbourg, FR (25+5 min) S 008 EIN3-dependent regulation of plant ethylene hormone signaling by two Arabidopsis F-box proteins: ESF1 and ESF2	
			Csaba Koncz , Cologne, DE (15+5 min) S 009 Interactions of AMP-activated protein kinases with proteasome and SCF complexes	
10:30	Coffee Break			
11:00 – 13:00	Interactions within cells II: Signal Transduction Chair: John Mundy , Copenhagen, DK Co-Chair: Alessandro Vitale , Milano, IT	Speakers:	John Mundy , Copenhagen, DK (30+5 min) S 010 MAP kinase 4 & systemic immunity	
	Posters related to this session: P 005 – P 028		Jen Sheen , Boston, USA (25+5 min) S 011 Arabidopsis MAPK Signaling Networks	
			Montserrat Pagès , Barcelona, ES (25+5 min) S 012 Nuclear trafficking of the ABA response protein Rab17 from maize	
			Yasunori Machida , Nagoya, JP (15+5 min) S 013 The MAP kinase cascade that positively regulates the formation of cell plates during plant cytokinesis	
13:00	Lunch			
15:00 – 17:00	Interactions within plants I: Development Chair: Ben Scheres , Utrecht, NL Co-Chair: Paola Vittorioso , Rome, IT	Speakers:	Ben Scheres , Utrecht, NL (30+5 min) S 014 The roots of Arabidopsis stem cells	
	Posters related to this session: P 029 – P 046, P 137		Martin Hülskamp , Cologne, DE (25+5 min) S 015 Analysis of Epidermal Patterning in Arabidopsis	
			Liam Dolan , Norwich, UK (25+5 min) S 016 Using hairs to define polarity	
			Patrick Laufs , Versailles, FR (15+5 min) S 017 MicroRNA regulation of the CUC genes is required for boundary size control in Arabidopsis meristems	
17:00	Coffee Break			
17:30 – 19:30	Interactions within plants II: Hormones Chair: Nicholas Harberd , Norwich, UK Co-Chair: Ida Ruberti , Roma, IT	Speakers:	Nicholas Harberd , Norwich, UK (30+5 min) S 018 Relief of DELLA-restraint: integration of multiple signal input to the control of plant growth	
	Posters related to this session: P 047 – P 057		Klaus Palme , Freiburg, DE (25+5 min) S 019 Role of auxin in plant development	
			Jeff Leung , Gif-sur-Yvette, FR (25+5 min) S 020 Mouthing off: Genetic dissection of drought tolerance	
			Remko Offringa , Leiden, NL (15+5 min) S 021 A PINOID-dependent binary switch in apical-basal PIN polar targeting directs auxin efflux	
19:30 – 20:30	Poster Session		19:30 – 20:00 Even posternumbers will be attended 20:00 – 20:30 Uneven posternumbers will be attended	
Tuesday 12 October 2004				
8:30 – 10:30	Multidisciplinary Science: Modeling / Systems Biology Chair: Enrico Coen , Norwich, UK Co-Chair: Carlo Soave , Milano, IT	Speakers:	Enrico Coen , Norwich, UK (45+5 min) S 022	Spons. by 

	No Posters related to this session	Andrew Millar , Warwick, UK (30+5 min) S 023 Interacting feedbacks and the design of circadian clocks
		Przemyslaw Prusinkiewicz , Calgary, CAN S 024 (30+5 min) Multiscale modeling of plants: from molecules to plant architectures
10:30	Coffee Break	
11:00	Excursion	
17:30 – 19:30	Breakthroughs in Life Sciences Chair: Gerd Jürgens , Tübingen, DE Co-Chair: Enrico Pè , Milano, IT	Speakers: Gerd Jürgens , Tübingen, DE (20+5 min) S 025 Apical-basal pattern formation in Arabidopsis embryogenesis Gloria Coruzzi , New York, USA (20+5 min) S 026 A systems approach to CN sensing in Arabidopsis Maria Clauss , Jena, DE (20+5 min) S 027 Ecological and Evolutionary Functional Genetics of Plant Defense Giorgio Bernardi , Napoli, IT (20+5 min) S 028 Plant Genomics
	Posters related to this session: P 058	
19:30	Break	
21:00 – 23:00	Plant Science and society Chair: Chiara Tonelli , Milano, IT	Speakers / Panelists: Chiara Tonelli , Milano, IT (Introduction, 5 min) Introduction Massimiano Bucchi , Trento, IT (15 min) S 029 Why are people hostile to biotechnologies? Life Sciences, Democracy and the Governance of Innovation Leonardo Vingiani , Milano, IT (15 min) S 030 Communicating agricultural biotechnology: the experience of the Agrobio-industry in Italy Ann Van Gysel , Gent, BE (15 min) S 031 Bioscience Communications ... a vital challenge ! Dario Frisio , Milano, IT (15 min) S 032 A view from an economist Discussion (55 min)
	No Posters related to this session:	
Wednesday 13 October 2004		
8:30 – 10:30	Plant science and its manifold use Chair: Cathie Martin , Norwich, UK Co-Chair: Luigi Monti , Portici, IT	Speakers: Cathie Martin , Norwich, UK (30+5 min) S 033 Engineering natural products in plants for improved foods. Eva Stoger , Aachen, DE (25+5 min) S 034 Utilizing the storage properties of cereal seeds for the production of recombinant proteins Toni M. Kutchan , Halle, DE (25+5 min) S 035 Improving one of mankind's oldest medicinal plants, the opium poppy. Josef Glössl , Vienna, AT (15+5 min) S 036 Modulation of the N-Glycosylation Pathway in Plants
	Posters related to this session: P 059 – P 064	
10:30	Coffee Break	
11:00 – 13:00	Interactions between organisms I: Pathogens / Symbionts Chair: Jeff Dangl , North Carolina, USA Co-Chair: Felice Cervone , Roma, IT	Speakers: Jeff Dangl , North Carolina, USA (30+5 min) S 037 Perception of Bacterial Virulence Factors by Plants Disease

		Resistance Proteins
	Posters related to this session: P 065 – P 092, P 136	Jonathan Jones , Norwich, UK (25+5 min) S 038 Spons. by: Mechanisms of disease resistance
		
		Jens Stougaard , Aarhus, DK (25+5 min) S 039 Recognition of symbionts: receptor and signal transduction
		Cyril Zipfel , Basel, CH (15+5 min) S 040 RLKs as watchdogs of innate immunity in plants
13:00	Lunch	
15:00 – 17:00	Interactions between organisms II: Allelochemicals Chair: Ian Baldwin , Jena, DE Co-Chair: Amadeo Alpi , Pisa, IT	Speakers: Ian Baldwin , Jena, DE (30+5 min) S 041 Plant-Insect signaling in the Real World
	Posters related to this session: P 093 – P 094, P 139	Chris Bowler , Naples/Paris, IT/FR (25+5 min) S 042 Exploring the molecular secrets of marine diatoms
		Jorge Vivanco , Colorado, USA (25+5 min) S 043 Allelopathy and exotic plant invasion: from molecules and genes to species interactions
		Andy Phillips , Rothamsted, UK (15+5 min) S 044 Putting insects off the scent: modifying plant semiochemistry to disrupt plant-insect interactions.
17:00	Coffee Break	
17:30 – 19:30	Interactions within cells III: Chromatin and transcription factors Chair: Javier Paz-Ares , Madrid, ES Co-Chair: Angelo Viotti , Milano, IT	Speakers: Javier Paz-Ares , Madrid, ES (30+5 min) S 045 Genetics and genomics approaches towards unravelling transcriptional control of phosphate starvation responses in Arabidopsis
	Posters related to this session: P 095 – P102, P 138	Vincent Colot , Evry, FR (25+5 min) S 046 Arabidopsis heterochromatin
		Wilhelm Gruissem , Zürich, CH (25+5 min) S 048 Arabidopsis RBI1 and MSI1 integrate cell cycle and epigenetic regulation of female gametophyte and seed development
		Giovanna Benvenuto , Naples, IT (15+5 min) S 047 The DET1/DDB1 complex regulates photomorphogenesis in plants and interacts with chromatin
21:00	Conference Dinner	
Thursday 14 October 2004		
8:30 – 10:30	Interactions within Plants III: Abiotic Stress Chair: Kazuo Shinozaki , Tsukuba, JP Co-Chair: Roberto Tuberosa , Bologna, IT	Speakers: Kazuo Shinozaki , Tsukuba, JP (30+5 min) S 049 Global analysis of gene networks in abiotic stress responses and tolerance
	Posters related to this session: P 103 – P 104	Lutz Nover , Frankfurt am Main, DE (25+5 min) S 050 A network of chaperones and transcription factors controls the plant heat stress response
		Jian-Kang Zhu , Riverside, California, USA (25+5 min) S 051 Genetic analysis of plant responses to salt, drought and cold stresses.
		Teun Munnik , Amsterdam, NL (15+5 min) S 052 Phospholipid Signalling Pathways in Abiotic- and Biotic Stress

10:30	Coffee Break	
11:00 – 13:00	<p>Interactions between organisms III: Natural variation / diversity Chair: Francesco Salamini, Cologne, DE/IT Co-Chair: Michele Stanca, Fiorenzuola d'Arda, IT</p> <p>Posters related to this session: P 135</p>	<p>Speakers:</p> <p>Francesco Salamini, Cologne, DE/IT (30+5 min) S 053 Wild species, genes and geographic areas relevant for wheat domestication</p> <p>Ed Buckler, Ithaca, NY, USA (25+5 min) S 054 Using Natural Variation to Dissect Complex Traits in Maize</p> <p>Beat Keller, Zürich, CH (25+5 min) S 055 Molecular diversity and evolution of disease resistance loci in wheat</p> <p>Françoise Védèle, Versailles, FR (15+5 min) S 056 Nitrogen use efficiency in Arabidopsis Thaliana: functional genomic and quantitative genetic approaches</p>
13:00 – 13:15	<p>Closing Karin Metzlaff, Gent, BE & Paolo Costantino, Rome, IT</p>	
13:15	Departure	

We would like to thank our committee and secretariat members for organizing this conference:

Members of the organising committee: **Michael Bevan, Chris Bowler, Paolo Costantino (coordinator), Mauro Cresti, Denes Dudits, Helene Lucas, Karin Metzlaff, Kirsi-Marja Oksman-Caldentey, Mark Stitt, Chiara Tonelli, Roberto Tuberosa, Pierre de Wit, Marc Zabeau.**

Conference secretariat: Katrien Molders and Margherita Groeben