



European Plant Science Organisation
 2nd EPSO Conference – In honour of Jeff Schell
Interactions in Plant Biology: cells, plants and communities



Hotel Continental Terme, Ischia, Italy / 10-14 October 2004

<http://www.epsoweb.org/catalog/conf2004.htm>

4th Circular

Background: Following the highly successful 1st EPSO Conference in Switzerland in 2002, EPSO is pleased to announce the 2nd EPSO Conference, to be held on the beautiful Mediterranean island of Ischia (Naples, Italy) in October 2004.

Aim: The theme of our 2nd Conference is “Interactions in Plant Biology: cells, plants and communities”. Scientists from Europe and other continents present & discuss cutting edge science. Together with non-plant scientists they build an interface to new areas. Representatives from academia, industry, consumers and politics discuss socially relevant topics.

Program by August 24, 2004

Opening			
Chairs	Karin Metzloff, BE & Paolo Costantino, IT		
Speaker	Gioacchino Fonti, IT		
Keynote	Honour of Jeff Schell & Perspectives in plant sciences		
Chair	Michael Bevan, UK		
Speaker	Marc van Montagu, BE		
Theme 1	Interactions within cells		
Aim	To provide a comprehensive picture of current understanding of basic processes at the cellular level. Could include talks from animal labs.		
Session & Co-chair	1. Ubiquitin Giorgio Morelli	2. Signal transduction Alessandro Vitale	3. Chromatin and transcription factors Angelo Viotti
Focus of the 4 presentations	e.g. ubiquitin ligases, COP9 signalosome, F box proteins, Sumo, ubiquitin as a signal for processes other than proteolysis	e.g. two-component signaling, MAP kinases, cytoplasm-nuclear translocation	e.g. histone code, heterochromatin-chromatin remodeling, genome-wide approaches and bioinformatics for TFs
Chair & 1 st speaker	Nam-Hai Chua, US	John Mundy, DK	Javier Paz-Ares, ES
Invited speakers	Crisanto Gutierrez, ES	Jen Sheen, US	Vincent Colot, FR
	Pascal Genschik, FR	Montserrat Pages, ES	Marjori Matzke, AU
Speakers	Csaba Koncz, DE	Yasunori Machida, JP	Wilhelm Gruissem, CH
Theme 2	Interactions within plants		
Aim	To demonstrate how biochemical processes are integrated at a whole plant level.		
Session & Co-chair	1. Development Paola Vittorioso	2. Hormones Ida Ruberti	3. Abiotic stress Roberto Tuberosa
Focus of the 4 presentations	Embryogenesis and trichome development meristems and vegetative/floral transition	How hormone signaling modifies plant architecture and other plant responses	Integration of stress responses with development
Chair & 1 st speaker	Ben Scheres, NL	Nick Harberd, UK	Kazuo Shinozaki, JP
Invited speakers	Martin Huelskamp, DE	Klaus Palme, DE	Lutz Nover, DE
	Liam Dolan, UK	Jeff Leung, FR	Jian-Kang Zhu, US
Speakers	Patrick Laufs, FR	Remko Offringa, NL	tba
Theme 3	Interactions between organisms		
Aim	To show how plants communicate with themselves and with other organisms		
Session & Co-chair	1. Pathogens/symbionts Felice Cervone	2. Allelochemicals Amedeo Alpi	3. Natural variation/diversity Michele Stanca
Focus of the 4 presentations	Communication between plants and microorganisms – pathogens, rhizobia, mycorrhiza	Chemical signaling between organisms; plant-plant, plant-insect, signaling in the marine environment	Ecotypes, cereal genomes, microevolution, from lab to field
Chair & 1 st speaker	Jeff Dangel, US	Ian Baldwin, DE	Francesco Salamini, DE/IT

Invited speakers	Jonathan Jones, UK	Chris Bowler, IT	Ed Buckler, US
	Jens Stougaard, DK	Jorge Vivanco, US	Beat Keller, CH
Speakers	Cyril Zipfel, CH	Andy Phillips, UK	Françoise Védèle, FR
Theme 4	Interactions between scientists		
Session & Co-chair	1. Modeling / systems biology Carlo Soave	2. Breakthroughs in Life Sciences Enrico Pè	
Focus of the 4 presentations	Integration of plant science with other disciplines, eg, mathematics, physics, computer science	Present (&past) Breakthroughs across the life sciences	
Chair & 1 st speaker	Enrico Coen, UK	Gerd Juergens, DE	
Invited speakers	Andrew Millar, UK	Gloria Coruzzi, US	
	Przemyslaw Prusinkiewicz, CAN	Maria Clauss, DE	
Theme 5	Interactions between people and organizations		
Session & Co-chair	1. Plant science and society Gian Tomaso Scarascia Mugnozza	2. Plant science and its manifold use Luigi Monti	3. Plant Science in Europe Mauro Cresti, t.b.c.
Focus of the presentations	4 presentations by different stakeholders	2-3 presentations covering different contributions to society	2 presentations on current developments in the ERA (FPs, Technology Platform) & on the ERC
Chair	Chiara Tonelli, IT	Cathie Martin, UK	Marc Zabeau, BE
Invited speakers	Massimiano Bucchi, IT	Julian Ma, UK	Chris Patermann, EC
	Leonardo Vingiani, IT	Toni M. Kutchan, DE	Federico Mayor, ES
	Ann van Gysel, BE	-----	Marc Zabeau, BE
	Dario Frisio, IT	-----	Wilhelm Gruissem, CH
Speakers	-----	Josef Glössl, AT	-----

Preliminary program

Morning				Afternoon			Evenings	
8:30 - 10:30	Break	11:00 – 13:00	Break	15:00 – 17:00	Break	17:30 – 19:30	Break	21:00 – 23:00
Su, 10.10.								
			Registration Coffee	Opening T5 S3 Plant Science in Europe			Keynote Perspectives in plant sciences Welcome Reception	
Mo, 11.10.								
T1 S1 Ubiquitin	Coffee	T1 S2 Signal transduction	Lunch	T2 S1 Development	Coffee	T2 S2 Hormones		
Tu, 12.10.								
T4 S1 Modeling/systems biology	Coffee	Excursion				T4 S2 Breakthroughs in Life Sciences		T5 S1 Plant science and society
We, 13.10.								
T5 S2 Plant science and its manifold use	Coffee	T3 S1 Pathogens/symbionts	Lunch	T3 S2 Allelochemicals	Coffee	T1 S3 Chromatin and transcription factors		Conference Dinner
Th, 14.10.								
T2 S3 Abiotic stress	Coffee	T3 S3 Natural variation/diversity	Closing Departure					

Organising Committee: Michael Bevan, Chris Bowler, Paolo Costantino (coordinator), Mauro Cresti, Denes Dudits, Helene Lucas, Karin Metzloff, Kirsi-Marja Oksman-Caldentey, Mark Stitt, Chiara Tonelli, Pierre de Wit, Marc Zabeau.

Speakers: About 2/3 of the speakers are invited, additional speakers will be selected from submitted abstracts.

Registration: The number of participants is limited to 300. Please register online via www.epsoweb.org/catalog/Conf2004.htm

Further Information at www.epsoweb.org/catalog/Conf2004.htm or contact EPSO - Technologiepark 927 – 9052 Gent – Belgium – Tel. +32-9-3313810 – epsoweb@psb.ugent.be

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