

	Boron satellite meeting, 19 August, Saturday Location: Copenhagen Plant Science Centre
9:00 - 9:05	Welcome by Jan K. Schjoerring, Denmark
	Session I – Biological functions and transport of boron
9:05 - 10:30	Chair: Jan K. Schjoerring, Denmark 9:05-9:35 Recent advances in boron sensing and regulation of transport Toru Fujiwara, Japan 9:35-9:55 Beyond the wall: Boron, hormones and meristems in maize Paula McSteen, USA 9:55-10:15 Critical roles of boron in root growth and uptake of nutrients Ismail Cakmak, Turkey 10:15-10:30 Hormonal regulation of boron stress response: defining key networks controlling root growth inhibition Maria Reguera, Spain
10:30-11:00	Coffee break and poster viewing
11:00-12:30	Chair: Patrick Bienert, Germany 11:00-11:15 A phenotypic comparison between boron deficiency and RGII disruption responses in Arabidopsis Isidro Abreu, Spain 11:15-11:30 Mechanisms of early responses of Arabidopsis roots to boron deprivation Masaru Kobayashi, Japan 11:30-11:45 Boron deprivation affects the expression of the Arabidopsis root meristem regulator WOX5 Christoph Spitzer, Germany 11:45-12:00 Influence of boron and aluminium on polar auxin transport in root tips Min Yu, China 12:00-12:15 The role of boron in vegetative and reproductive development in maize Michaela Matthes, USA 12:15-12:30 Development and utilization of cytosolic boric acid sensors for boron-transport studies Junpei Takano, Japan
12:30-13:30	Lunch and poster viewing

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	<p>Session II – Boron in crops, soil and fertilizers</p>
13:30-14:50	<p>Chair: Patrick Brown, USA</p> <p>13:30-14:00 Developing more effective boron fertilizers Mike McLaughlin, Australia</p> <p>14:00-14:10 Evaluation of efficacy of boron metalosate foliar supplement for maximising the yield and quality of pomegranate (<i>Punica granatum</i>) Chickadibburahalli Subbarayappa, India</p> <p>14:10-14:20 Boron dynamics in volcanic ash-derived soils Maria Fernanda Terraza Pira, USA</p> <p>14:20-14:30 Efficiency of boron fortified sulphur granules in enhancing yield, uptake and quality of chillies in swell-shrink soils of India Virendra Goswami, India</p> <p>14:30-14:40 Long-term effects of boron fertiliser and weed control on foliar nutrition and growth of eight radiata pine genotypes grown at two contrasting sites in New Zealand Jianming Xue, New Zealand</p> <p>14:40-14:50 Effect of foliar spray of boron metalosate on yield and quality of grapes (<i>Vitis vinifera</i>) Chickadibburahalli Subbarayappa, India</p>
14:50-15:30	<p>Coffee break and poster viewing</p>

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	<p>Session III – Genetics, physiology and molecular biology of boron efficiency and tolerance</p>
15:30-17:30	<p>Chair: Ismail Cakmak</p> <p>15:30-16:00 Boron in boreal forest trees and forestry Tarja Lehto, Finland</p> <p>16:00-16:15 Genotype differences from phenotypic to molecular levels in <i>Brassica napus</i> in response to boron deficiency Fangsen Xu, China</p> <p>16:15-16:30 Identification of mechanisms contributing to boron efficiency in <i>Brassica napus</i> and <i>Arabidopsis</i> Gerd Patrick Bienert, Germany</p> <p>16:30-16:40 Shoot based mechanisms are involved in boron toxicity tolerance in rice Monika Wimmer, Germany</p> <p>16:40-16:50 Differential alternative splicing genes in response to low boron in <i>Brassica napus</i> Lei Shi, China</p> <p>16:50-17:00 Boron toxicity responses in plant model species <i>Brachypodium distachyon</i> Esref Erdogan, Turkey</p> <p>17:00-17:30 Boron in plant biology: Current knowledge and remaining uncertainties Patrick Brown, USA</p>
17:30-19:30	Poster viewing and get-together reception
19:30	Busses leave for the Tivoli Congress Centre