

Manganese satellite meeting, 20 August, Sunday Location: Copenhagen Plant Science Centre	
9:00-10:25	<p>9:00-9:05 Welcome by Søren Husted, Denmark</p> <p>Session I – Manganese transport and homeostasis</p> <p>9:05-9:35 Manganese transporters involved in its uptake, distribution and detoxification in rice Jian Feng Ma, Japan</p> <p>9:35-10:00 Metal transport functions of the Metal Tolerance Protein MTP8 during embryogenesis and germination Nicolaus von Wirén, Germany</p> <p>10:00-10:25 The iron-regulated transporter 1 (IRT1) plays an essential role in uptake, translocation and grain-loading of manganese in barley Pai Pedas, Denmark</p>
10:25-10:45	Coffee break
10:45-12:00	<p>Session I – Manganese transport and homeostasis (cont.)</p> <p>10:45-11:10 Manganese detoxification and translocation by CDF transporters Edgar Peiter, Germany</p> <p>11:10-11:35 The role of MNX/PAM71-family transporters in manganese homeostasis Marion Eisenhut, Germany</p> <p>11:35-12:00 Manganese transport and its regulation in Arabidopsis Catherine Curie, France</p>
12:00-13:00	Poster viewing and Lunch
13:00-15:05	<p>Session II – Manganese functionality, efficiency and toxicity</p> <p>13:00-13:25 The importance of manganese in photosynthesis – Perspectives for improving manganese efficiency in plants Sidsel Birkelund Schmidt, Denmark</p> <p>13:25-13:45 Combined transcriptome and proteome analysis of maize leaves in response to latent manganese deficiency under high light Lizhi Long, China</p> <p>13:45-14:05 Manganese accumulation in plant foliage: From hypertolerance to toxicity stress Denise Fernando, Australia</p>

	<p>14:05-14:25 Symptom development and synchrotron-based imaging identify mechanisms of manganese toxicity and tolerance in crop plants Pax Blamey, Australia</p> <p>14:25-14:45 Physiological highlights on manganese toxicity symptoms in soybean plants: Manganese toxicity responses Rayen Millaleo, Brazil</p> <p>14:45-15:05 The physiological and molecular mechanisms of silicon-mediated tolerance to manganese toxicity in rice Yongchao Liang, China</p>
15:05-15:35	Coffee break and poster viewing
15:35-17:15	<p>Session III – Manganese fertilization</p> <p>15:35-16:00 Effect of stabilized ammonium fertilizers on soil manganese availability and concentration of wheat plants Karl Herman Muehling, Germany</p> <p>16:00-16:15 Novel control-release fertilizers based on layered double hydroxides for manganese nutrition Sandra López-Rayó, Denmark</p> <p>16:15-16:30 Effects of manganese and zinc on disease development of root rot and biomass production in red clover (<i>Trifolium pratense</i> L.) Eva Stoltz, Sweden</p> <p>16:30-16:45 Response of sugarcane to the application of doses and sources of manganese Estêvão Vicari Mellis, Brazil</p> <p>16:45-17:15 Effective strategies to diagnose and correct manganese deficiency in cereals Søren Husted, Denmark</p>
17:15-19:00	Poster viewing and get-together reception