

CROP.SENSE.net Summer School 20.08 – 29.08.2014

Sensors, Images and Methods for Crop Stress Detection

Time	Theme	Lecturer	Place
Wednesday, 20.08.14			
-15.00	Check in		Hotel
15.30 – 17.30	Introduction, Key note	Prof. L. Plümer, Dr. A-K. Mahlein Prof. F. Ordon	Hörsaal VIII ¹
17.30-19.00	Break, Check in		Hotel
19.00	Icebreaker		
Thursday, 21.08.14 <i>Sensing</i>			
09.00-12.00	Novel and emerging plant sensing techniques	Prof. A. Walter	Hörsaal VIII
13.30-16.30	Observing biological processes by non-invasive sensors	Dr. A-K. Mahlein	Hörsaal VIII
19.00	Come together		Bönnsch
Friday, 22.08.14 <i>Industry</i>			
09.00 – 16.00	Excursion	Dr. A-K. Mahlein	
Saturday, 23.08.14			
10.00-14.00	Haus der Geschichte (guided tour) or Excursion to Cologne		Bonn or Cologne
Sunday, 24.08.14			
10.00-16.00	Team Building „High Ropes Course“		Ahrtal

¹ Meckenheimer Allee 172, 53115 Bonn (3rd floor)

Time	Theme	Lecturer	Place
Monday, 25.08.14 <i>Field Sensing</i>			
09.00 - 12.00	Phenotyping on different scales	Prof. U. Rascher	Hörsaal VIII
13.30 - 16.30	Precision Agriculture	Dr. R. Gebbers	Hörsaal VIII
Tuesday, 26.08.14 <i>Statistic Wrap Up</i>			
9.00 - 13.00	Excursion Campus Klein-Altendorf	Prof. R. Pude, Dr. T. Kraska	Campus Klein-Altendorf
14.30-17.00	Statistical methods for spatiotemporal patterns	Prof. H.-P. Helfrich	Hörsaal VIII
Wednesday, 27.08.14 <i>Methods for Image Interpretation</i>			
09.00 - 12.00	Plant Imaging	Dr. H. Scharr	Hörsaal VIII
13.30 - 16.30	Classification	Prof. G. Menz	Hörsaal VIII
Thursday, 28.08.14 <i>3D-Modelling / Group Work</i>			
09.00-12.00	3D-Modelling	Prof. H. Kuhlmann, Dr. L. Klingbeil, S. Paulus	Poppelsdorf
13.30 – 17.30	Group Work		GIS-Labor ²
Friday, 29.08.14			
09.00-12.00	Wrap Up Summer School Presentation of Group Work results	Prof. L. Plümer Dr. A-K. Mahlein	Hörsaal VIII

² Meckenheimer Allee 172, 53115 Bonn (2nd floor)