

**Workshop program 29<sup>th</sup> of November – 2<sup>nd</sup> of December 2021**

<i>Monday, 29/11</i>	<i>Importance of soil systems for ecosystem services</i>	
9:00 – 9:15	<b>Welcome</b>	<b>Katharina Meurer</b>
9:15 – 10:30	<b>Ecosystem services in grassland ecosystems in the context of global change</b> <i>Coffee break</i>	<b>Nadia Maaroufi</b>
10:45 – 12:00	<b>Soil System services</b>	<b>Hermann Jungkunst</b>
<i>Tuesday, 30/11</i>	<i>Soil interaction in the natural soil habitat – technical advances</i>	
9:00 – 10:15	<b>Visualizing the biogeochemical interface in soils</b>	<b>C. Chenu &amp; C. Verdère</b>
	<i>Coffee break</i>	
10:30 – 12:00	<b>Challenges in visualizing the biogeochemical interface in soils</b> <i>Lunch break</i> <i>Coffee break</i>	<b>Anke Herrmann</b>
15:15 – 16:30	<b>Soil organic matter decomposition from energetic perspectives</b> <i>Coffee break</i>	<b>Tobias Bölscher</b>
17:00 – 18:15	<b>Assessing soil quality</b>	<b>Markus Kleber</b>
<i>Wednesday, 01/12</i>	<i>Soil interaction in the natural soil habitat – technical advances</i>	
9:00 – 10:15	<b>Non-invasive 3-D imaging methods</b> <i>Coffee break</i>	<b>Mats Larsbo</b>
10:30 – 12:00	<b>Analysis of spatial patterns in soil systems</b> <i>Lunch break</i>	<b>Naoise Nunan</b>
13:15 – 14:30	<b>Interactions soil structure - soil microorganisms: decomposing organic matter in a structured world</b> <i>Coffee break</i>	<b>Claire Chenu</b>
15:00 – 16:30	<b>Investigating microbe-mineral-organic matter interactions in soils: Recent advances in X-ray spectroscopy/microscopy approaches</b>	<b>Marco Keiluweit</b>
<i>Thursday, 02/12</i>	<i>Importance of soil systems for ecosystem services – various spatial scales</i>	
9:00 – 10:15	<b>Soil structure dynamics as influenced by soil organic matter content and soil fauna</b> <i>Coffee break</i>	<b>Katharina Meurer</b>
10:30 – 11:30	<b>Long-range flow and transport in soil: what can we learn from imaging soil pore structure?</b>	<b>Nick Jarvis</b>