

Legend: Lecture(s) / Practical Course / Seminar / Excursion

Names:

Pre-course Activities: Reading key references, preparing for seminar work

Date June/July	Day	Morning Session I 8:30-10:00	Break 10:00-10:30	Morning Session II 10:30-12:00	Lunch 12:00-13:30	Afternoon Session I 13:30-15:00	Break 15:00-15:30	Afternoon Session II 15:30-17:00
26th	Mon	Arrival of students						
27th	Tue	Opening (Registration, Welcome, Organisational) Wenzel		Introduction to the course NN		The rhizosphere concept NN		Experimental assessment of rhizosphere characteristics at the micro-scale NN
28th	Wed	Modelling the rhizosphere at various scales: an overview NN		Parallel Seminar I: How can we link experimental and modelling approaches to study the rhizosphere ? NN		Parallel Seminar I: How can we link experimental and modelling approaches to study the rhizosphere ? NN		Students' Presentations & Discussion: Results of parallel seminars I & II NN
				Parallel Seminar I: How can we link experimental and modelling approaches to study the rhizosphere ? NN		Parallel Seminar I: How can we link experimental and modelling approaches to study the rhizosphere ? NN		
29th	Thu	Rhizosphere processes and resource efficiency: I. Water NN		Rhizosphere processes and resource efficiency: II. Nutrients NN		Parallel Seminar III: Water efficiency NN		Root - pathogen interactions in the rhizosphere NN
						Parallel Seminar IV: Nutrient efficiency NN		
30st	Fri	Excursion 1: Demonstration of field sites and field techniques (on the way from Vienna to Sentinel / Slovenia; lunch provided on the way) NN						
1st	Sat	Rhizosphere management for ecological engineering NN		Students' Presentations of their theses work: Part II NN		Students' Presentations of their theses work: Part II NN		Visit of an ancient mine and cultural heritage place NN
2nd	Sun	Students' Presentations of their theses work: Part I NN	Excursion 2: Demonstration of field sites and field techniques in the surrounding of Mesiza (former Pb/Zn mine - revegetation, hyperaccumulators; lunch provided on the way) NN					
3rd	Mon	Mycorrhizal associations NN	Excursion 3: Demonstration of field sites and field techniques in the surrounding of Arnoldstein (hyperaccumulators, metal accumulating trees, mycorrhizal associations; lunch provided on the way) NN					
4th	Tue	Excursion 4: Demonstration of field sites and field techniques on the way back to Vienna (agricultural sites; lunch provided on the way) NN						
6th	Wed	Rhizosphere management to improve resource efficiency in agriculture XX		Rhizosphere management to improve resource efficiency in agriculture XX		Parallel Seminar II: Developing a conceptual model of phosphorus interactions in the rhizosphere NN		Practical Course: Experimental Tools NN
						Parallel Seminar II: Developing a conceptual model of nitrogen interactions in the rhizosphere NN		Practical Course: Experimental Tools NN