



MAGIC

MONITORING SYSTEMS TO ASSESS GEOTECHNICAL INFRASTRUCTURE SUBJECTED TO CLIMATIC HAZARDS

Marie Curie Industry-Academia Partnerships and Pathways (IAPP)

1st Winter School / Workshop 'Tensiometry'

Organised by UMS (MAGIC Project Partner)

Thursday, January 23 rd 2014, 10:00 - 17:00 UMS GmbH, Gmunder Strasse 37, 81379 Munich, Germany

Aim of the School/Workshop is to address state-of-the-art tensiometer techniques, their use, their application in laboratory and field measurements, and their relevance in hydrological, agricultural, and geotechnical applications.

SCHOOL	
10:00 – 10:30	Georg von Unold: State of the art of 'conventional' tensiometry (Pros and cons of sensor types T8, T5, TS1, and Matrix sensor)
10:30 – 11:00	Georg von Unold: Deairing and pressurisation procedures with focus on Hyprop
11:00 – 11:30	Alessandro Tarantino: State of the art of 'extended range' tensiometry "
11:30 – 12:00	Domenico Gallipoli: Laboratory and field applications of 'extended range' tensiometers and comparison with other techniques
12:00 – 12:30	Georg von Unold: Use of tensiometers in agricultural and hydrological applications
12:30 - 13:00 - 13:30	Alessandro Tarantino: Use of tensiometers in agricultural and geotechnical applications 13:00 Discussion: Experiences and feedback of participants

LUNCH

13:30 - 14:30 Italian Lunch Buffet at UMS

HANDS-ON WORKSHOP

14:30 – 14:45 Andreas Steins: "TensioLINK, tensioView, tensiometer interfaces". Principle and specifications, field of operation, how to configure, how to apply, logging functions

14:45 – 16:45 Tensiometer hands-on sessions (30 minutes per session) Guides: Axel & Thomas, Dardane

•	Group A: How to fill & maintain T4 and T8	Udo Weiß,
	tensiometers	Location: Workshop
•	Group B: How to fill & maintain T5 tensiometers	Tommy Keller,
		Location: Workshop
•	Group C : Field installation of Tensiometers &	Georg von Unold,
	Pore water samplers	Location: Testfieldsite
•	Group D: Universal-Module, tensioLINK &	Martin Naleppa,
	tensioVIEW	Location: Conference room

16:45 - 17:00 Discussion

17:00 End

This summer school is limited to 35 participants. Please send back your reservation using the attached reservation form. If we can assist for Hotel reservation please feel free to ask. The official workshop language is English.





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Application Form

Name:			
Address:		 	
Institute:		 	
E-mail addres	ss:		
Date:			