



Workshops 3&4: Lausanne 2018
ENIGMA Innovative Training Networks



ENIGMA *Innovative Training Network* : European training Network for In situ
imaGing of dynaMic processes in heterogeneous subsurfAce environments

Third Enigma ITN Meeting

Lausanne, 09 & 10 February, 2018

University of Lausanne, Géopolis building, Room 2121

Friday 09/02

09h00 – 09h30	General presentation & Summary/Feedback about Workshop 3 by the ESRs	Niklas Linde ESR
09h30 – 10h30	<p align="center">ESR scientific presentations</p> <p>WP2 : Explore coupled dynamic processes in highly instrumented sites : ESR 1, 2, 3, 4</p> <p><i>Individual ESR presentation</i>¹: 10 min/ESR</p> <p><i>Work Package common discussion</i>²: 5 min group presentation by ESR 1, 2, 3, 4 followed by 15 min discussion</p>	Chairman : Sander Huisman (FZJ)

Coffee break

11h0 -12h00	<p align="center">ESR scientific presentations</p> <p>WP3 : Enhance our capacity to monitor temporal changes in the spatial distribution of subsurface water content and fluxes : ESR 5, 6, 7, 8</p> <p><i>Individual ESR presentation</i>¹ : 10 min/ESR</p> <p><i>Work Package common discussion</i>² : 5 min group presentation by ESR 5, 6, 7, 8 followed by 15 min discussion</p>	Chairman : Majken Looms Zibar (UCPH)
12h00 – 13h00	<p>Supervisory Board meeting</p> <ul style="list-style-type: none"> - Mid-term review meeting to be decided (date, place: Barcelona 2019) - Discussion about amendment in progress - Dates for workshop 5 in Barcelona 2019 	P.Davy & presentation about Barcelona by CSIC

13h00 – 14h00

Lunch

¹ *Individual ESR presentation*

- Scientific objectives, first results, open questions, and planned actions (e.g. experiments, sites data archiving) : 4 to 8 slides [8']
- Questions [2']

² *Work Package presentation by the ESR group corresponding to each WP* : 5 minutes presentation (4/5 slides) to:

- Identify the common main questions of each WP
- Discuss about possible joint experiments or actions
- Propose a plan for a review article for each WP



14h00 -15h00	ESR scientific presentations WP4 : Create new methods for tracking the transport and reactivity of chemical species in subsurface fluids : ESR 9, 10, 11, 12 <i>Individual ESR presentation¹</i> : 10 min/ESR <i>Work Package common discussion²</i> : 5 min group presentation by ESR 9, 10, 11, 12 followed by 15 min discussion	Chairman : N. Linde (UNIL)
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Coffee break

15h30 – 16h20	ESR scientific presentations WP5 : Design inverse modelling strategies for imaging dynamic processes in complex subsurface structures: ESR 13,14,15 <i>Personal presentation¹</i> : 10 min/ESR <i>Work Package common discussion²</i> : 5 min group presentation by ESR 13,14,15 followed by 15 min discussion	Chairman : O. Cirpka (UT)
16h20-17h00	Discussions between supervisors and ESRs about secondments (reminder of rules and the ones planned)	Chairman : F. Nguyen & P. Davy
17h00- 18h00	Experimental infrastructure Board meeting: Experimental sites supervisors report questions / issues / opportunities raised from ESR presentations Database: <ul style="list-style-type: none">- Synthesis of data archiving and disseminating strategy for each ESR- Plan to resolve remaining issues- Link between Enigma website & databases	Chairman: T. Le Borgne

19h30

Social Event at Café du Grütli (to be confirmed)

Saturday 10/02

<p>09h00 – 09h30</p>	<p>Reporting aspects of Enigma ITN:</p> <ul style="list-style-type: none"> - <i>Presentation of already registered deliverables & future ones (MS6...)</i> - <i>Planning for next scientific deliverables</i> - <i>Potential of doing scientific deliverables as review articles</i> 	<p>M-F.Gerard T.Le Borgne</p>
<p>09h30-10h00</p>	<p>Training & tutoring Committee (PCDP status & eventual questions)</p>	<p>F. Nguyen</p>
<p><i>Coffee break</i></p>		
<p>10h30 – 11h00</p>	<p>Organization of the upcoming Cargese summer school:</p> <ul style="list-style-type: none"> - organization of practical works (geophysics on the beach, fibre optics, drone, modeling, lab...) - organization of advisory board meeting - involvement of ESRs - Summer School <p>Organization of Barcelona Workshop (2019)</p>	<p>D. Jougnot C. Roques T. Le Borgne CSIC</p>
<p>11h00-12h00</p>	<p>Discussions between supervisors and ESRs about secondments / Informal discussion</p>	

Lunch