



Horizon 2020 - Marie Skłodowska-Curie Actions  
Innovative Training Network (ITN)  
Complex *Rh*Eologies in *E*arth dynamics and industrial *P*rocesses

3<sup>rd</sup> CREEP WORKSHOP  
**PROGRAM**  
October 9-12, 2017

Ebernbург, Germany

**Sunday October 8, 2017, evening** : Arrivals of all ESRS + some supervisors

**Monday October 9, 2017**

All day = ESRS only: Workshop on PhD management– M.L Parmentier (Belpaeme Conseil, FR) – program in annex

**Tuesday October 10, 2017.**

9:00-12:00 – Session on Geothermics animated by *Hagen Deckert*, IGEM  
*part 1– Geothermics projects, from planning to production stage*

How to estimate costs, how to convince customers. How to do the actual projects (starting with aerial pictures). Example of a real project

Coffee break

*part 2 - How to minimize induced seismicity in industry workflow?*

Background. Which drilling target to choose such that the risk is minimized?

What are the relevant parameters for a hazard study? Which parameters do you actually have in most cases: Example of the VEGAS project.

Lunch

14:00-18:00 - CREEP news: Scientific presentations by the ESRS on their ongoing research = 10 minute presentations + some questions with a 20 minutes break in the middle.

Evening: Icebreaker

## **Wednesday October 11, 2017**

09:00-10:30 – Discussion session with the representatives of the industrial partners: What do they search for when hiring a PhD? Which are the possible difficulties / needed adaptations in the transition from academia to industry?

10:30-11:00 – Coffee break

11:00 – 12:30 – Practical session on applying for a position and preparing a CV: Differences between applications to academic and to industry positions.

Lunch followed by departure by bus to Mainz for visiting SCHOTT

14:45	Arrival at Erich-Schott-Centrum” in Hattenbergstrasse 10, Mainz
15:00-16:00	Tour of production site (groups of 10)/ visit of exhibition of SCHOTT products During the tour to the production site, participants have to wear safety shoes, safety cap, eye protection, which will be supplied by SCHOTT.
16:00-17:30	Talks on examples of jobs at SCHOTT: product management for optical glass, simulation of glass melting tanks
17:45	Departure by bus to the workshop dinner
18:30-22:00	Conference dinner (location tbd)

## **Thursday October 12 2017**

09:00-10:30 – Discussion with past PhDs who are now working or have worked in industry.

- Erwin Frets (Crystal2Plate => GDF Suez)
- Michael Drews (responsible for pressure prediction and drilling hole stability Conocco-Phillips, now postdoc at Erlangen Uni)
- Suzanne Hangx (Shell, now postdoc at Univ. Utrecht)

10:30-11:00 – Coffee break

11:00-12:30 – Training on writing proposals. Preparing and cross-evaluating a Post-doc proposal.

Lunch & end of the workshop

## PROPOSED PROGRAM 8<sup>TH</sup> OCTOBER 2017

### ITN CREEP PHD STUDENTS

Timing is just indicative and will have to be refined depending on the exact starting and finishing hours of the morning and the afternoon.

08h30-08h45 Welcome and introduction of the objectives of the day

#### 08h45 - 09h30 Introduction of each participant

- your questions, your expectations,
- why do you do a PhD?
- what do you want to do after the PhD?
- Expectations and/or fears about this day

#### 09h30-11h00 Sequence 1: stress during a PhD

- What are the stressful aspects of the PhD?
- Your personal reactions towards stress
- Strategies to cope with stress

#### 11h00-12h00 Sequence 2: time management during a PhD

- Defining your objectives and prioritizing them
- Tricks about time management

#### 13h00-15h00 Sequence 3: improving your communication with your PhD supervisor(s)

- What is interpersonal communication?
  - o Levels of communication, channels
  - o Biases in communication
- Tricks to improve mutual understanding

#### 15h00-17h00 Sequence 4: dealing with problems with your PhD supervisor

- What is a problem, what is a conflict?
  - o The emotions
  - o Mechanism of escalation
- Different personalities and different attitudes towards a disagreement, a conflict
- How assertive are you to deal with the problem?

#### Facilitator/trainer

**Marie-Laure PARMENTIER:** PhD in Neurosciences, HDR (Habilitation à Diriger les Recherches), occasional consultant for Belpaeme Conseil since 2014.  
(trainer for PhD students (career plan), PhD supervisors (managerial techniques), young team leaders (management)).

