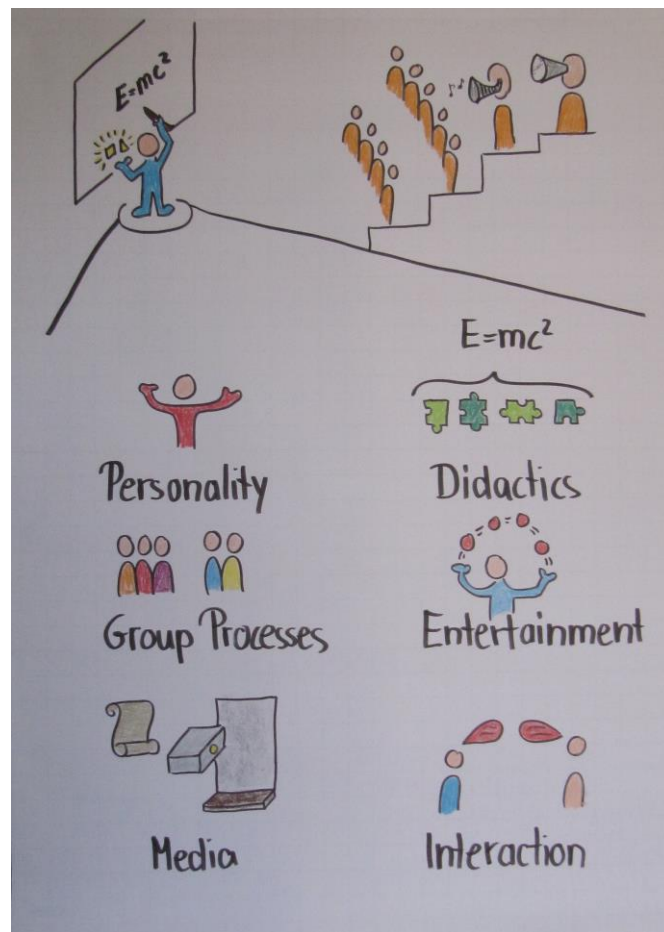


# Teaching is more than giving a lecture

## Didactics, Media, Group Processes



### Workshop Description

03.01.2018

RaumZeit e.K. Coaching Beratung Training

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### Responsible Trainer

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### Place and Schedule

Workshop takes place in

International Max Planck Research School (IMPRS) for Advanced Methods in Process and  
Systems Engineering

Max Planck Institute for Dynamics of Complex Technical Systems

Sandtorstraße 1

39106 Magdeburg

Preliminary workshop times	9:00 – 10:30	module 1
	10:30 – 10:45	coffee break
	10:45 – 12:30	module 2
	12:30 – 13:30	lunch break
	13:30 – 15:00	module 3
	15:00 – 15:15	coffee break
	15:15 – 17:00	module 4

### Participants

German and international PhD students and postdocs who are involved or are interested in teaching activities

Max. 12 participants

Name	E-Mail	Mobil

### Room setup and equipment

Chairs in U-shape, workshop supplies with 500 rectangular cards and moderation pens one per participant, 2 flipchart stands with paper, 2 pin boards with paper

## Agenda

As this is a rough plan, this agenda provides an overview on the major building blocks. In the detailed plan activities for activation, integration and feedback will be included.

1. Welcome and introduction (20 minutes) .....	5
2. Getting to know each other and experiences with teaching (40 minutes).....	5
3. Learning objectives (120 minutes) .....	6
4. Didactics (120 minutes).....	7
5. Methods (105 minutes).....	9
6. Planning a teaching activity (195 minutes) .....	11
7. Using teaching materials from the internet (90 minutes) .....	12
8. Integration and Feedback (60 minutes) .....	12

## Learning objectives

- ☐ LO1: The participants can formulate learning objectives according to Bloom's taxonomy.
- ☐ LO2: The participants can explain different methods for activating students.
- ☐ LO3: The participants can design a course, seminar or lecture.
- ☐ LO4: The participants can explain the different rights concerning the usage of materials from the internet.

## Preparation

	Responsible

## Flipcharts

- ☐ Media used in this workshop: flipcharts, moderation boards, requisites
- ☐ See rough design for examples

## Legend

Presentation, discussion or working phase with all participants (plenum)



Working phase in small groups of various sizes



Working phase in groups of two



Individual working phase



## Motivation

Teaching is very often an essential part of a career in research. If we remember our times as students, there are teachers who fascinate their students even with a dull topic, and there are others who seem to require a cushion for resting one's head on during the lecture. Seen from the perspective of the teacher himself, there are easy-going groups of students with whom it is fun to work, and others which make it difficult to get oneself motivated to enter the classroom. However, if we look back at those brilliant lecturers, we will observe that teaching can be a lot of fun even with difficult groups and dull topics. But how do we achieve this?

Answers to these questions offer a targeted didactic, a good mixture of formats, methods and media as well as insights from group processes. Therefore, this workshop provides targeted input on all three topics and offers at the same time the opportunity to prepare your own course, lecture or seminar.

## Content and Agenda

The following agenda is based on a rough time planning. It will be refined by activities for activation, integration and feedback.