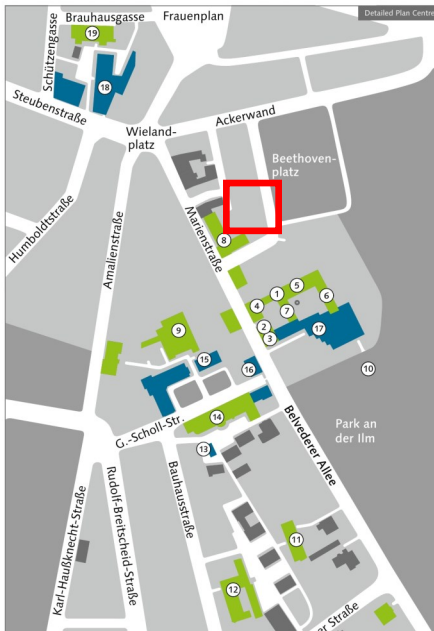


Location



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PARFORCE

Partnership for Virtual
Laboratories in
Civil Engineering

E-Tutor Training
27.09 - 01.10, 2021

Strategic Partnerships
for Higher Education

www.uni-weimar.de/Erasmus_SP

Project Description

ACTIVITIES

Transnational Meetings:

- * Kick-off-meeting 2021, (Osijek, Croatia)
- * Didactic meeting 2021, (Bochum, Germany)
- * Milestone meeting 2022, (Aveiro, Portugal)
- * New-path meeting 2023, (Skopje, North Macedonia)

Multiplier events 2022/23:

- * Portugal, Germany, Croatia, North Macedonia:
"Virtual laboratories/remote access experiments in structural engineering)"

Learning, Training Activities:

- * "eTutor trainee", Weimar (Germany) 09/2021"
- * PhD Courses: "Applied and computational mathematics in engineering application", Aveiro (Portugal) 03/2022 & 03/2023
- * M.Sc. Pilot Course: "Experiments in a virtual environment", Weimar (Germany) 10/2022

INTELLECTUAL OUTPUTS

IO1: Instructional design guide - Didactics of media learning environments:

- * Virtual environment of experiments;
- * eLearning: Planning and designing teaching with digital tools;
- * Use and empowerment of tutors within the PARFORCE project to support international student groups.

IO2: Methods and algorithms for digital learning tools evaluation:

- * Building upon creation and development of a contemporary environments;
- * Understand the pedagogic value of international digital exchange.

IO3: Remote-access Experiments in Structural Engineering:

- * Framework for remote-accessible experiments in a virtual environment;
- * Implementation of virtual reality experiments with high resolution 3D models, building experiments dataset.

Media(s):

- * Publication, Book;
- * Dataset, Interactive Resource
- * Teaching, training

Schedule

MONDAY, 27TH SEPT. 2021

- | | |
|---------------|--|
| 09:00 - 12:00 | Welcome and Short introduction: blended and e-learning |
| 13:00 - 17:00 | How to make a movie with low budget and high effect |

TUESDAY, 28TH SEPT. 2021

- | | |
|---------------|--|
| 09:00 - 12:00 | How to use Moodle |
| 13:00 - 17:00 | Create a Moodle room for your experiment |

WEDNESDAY, 29TH SEPT. 2021

- | | |
|---------------|--|
| 09:00 - 12:00 | Media didactic - What is necessary for a successful concept? |
| 13:00 - 17:00 | Creating a media didactic concept |

THURSDAY, 30TH JULY 2021

- | | |
|---------------|--|
| 09:00 - 12:00 | Consultation for Moodle and media didactic concept |
| 13:00 - 17:00 | Preparation for presentation |

FRIDAY, 1ST OCT. 2021

Final presentations