



Program

1st winter school of the Joint Graduate Research Training Group “Windy Cities” 21.-22.01.2019

Monday 21st

Presentation of the projects

(Chair: Paul Rößner)

- 09:00 a.m. Welcome Address (by Bernd Plietker, Speaker)
- 09:15 a.m. - **Presentation of the research projects of Windy Cities part I**
(Athanasios Koukofikis, Shubhi Harbola, Marcus Brennenstuhl)
- 10:00 a.m. **Presentation of the research projects of Windy Cities part II**
(Maximilian von der Grün, Pradip Zamre, Stanislav Pirienko, Yiyin Chen)
- 10:15 a.m. - **Presentation of the research projects of Windy Cities part III**
(Pascal Eisele, Fabian Rami, Paul Rößner, Daniel Lust)
- 11:00 a.m. **Presentation of the research projects of Windy Cities part III**
(Pascal Eisele, Fabian Rami, Paul Rößner, Daniel Lust)
- 11:15 a.m. **Presentation of the research projects of Windy Cities part III**
(Pascal Eisele, Fabian Rami, Paul Rößner, Daniel Lust)
- 12:00 p.m. Lunch break

Session Energy storage

(Chair: Fabian Rami)

- 01:00 p.m. - **Dr. Robert Francke, University of Rostock/DE**
01:45 p.m. Title: „Molecular Electrocatalysis and the Electrochemical Valorization of CO₂”
- 02:00 p.m. - **Dr. Andreas Bösmann, FAU Erlangen-Nürnberg/DE**
02:45 p.m. Title: “Chemical engineering aspects of hydrogen storage in LOHC”
Dennis Kopljar, DLR Stuttgart/DE
- 03:00 p.m. Title: “Integration of renewable electricity into chemical production via the electrolysis of CO₂”
- 03:45 p.m. Coffee break
- 04:00 p.m. - Group discussions divided in 3 topics (Energy storage, Visualization, Simulation)
- 05:00 p.m.
- 05:15 p.m. - **Dr. Walter Rogg, WRS/DE**
- 06:00 p.m. Title: TBA
- 06:30 p.m. Conference dinner at campus.guest



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Tuesday 22nd:

Session Visualization

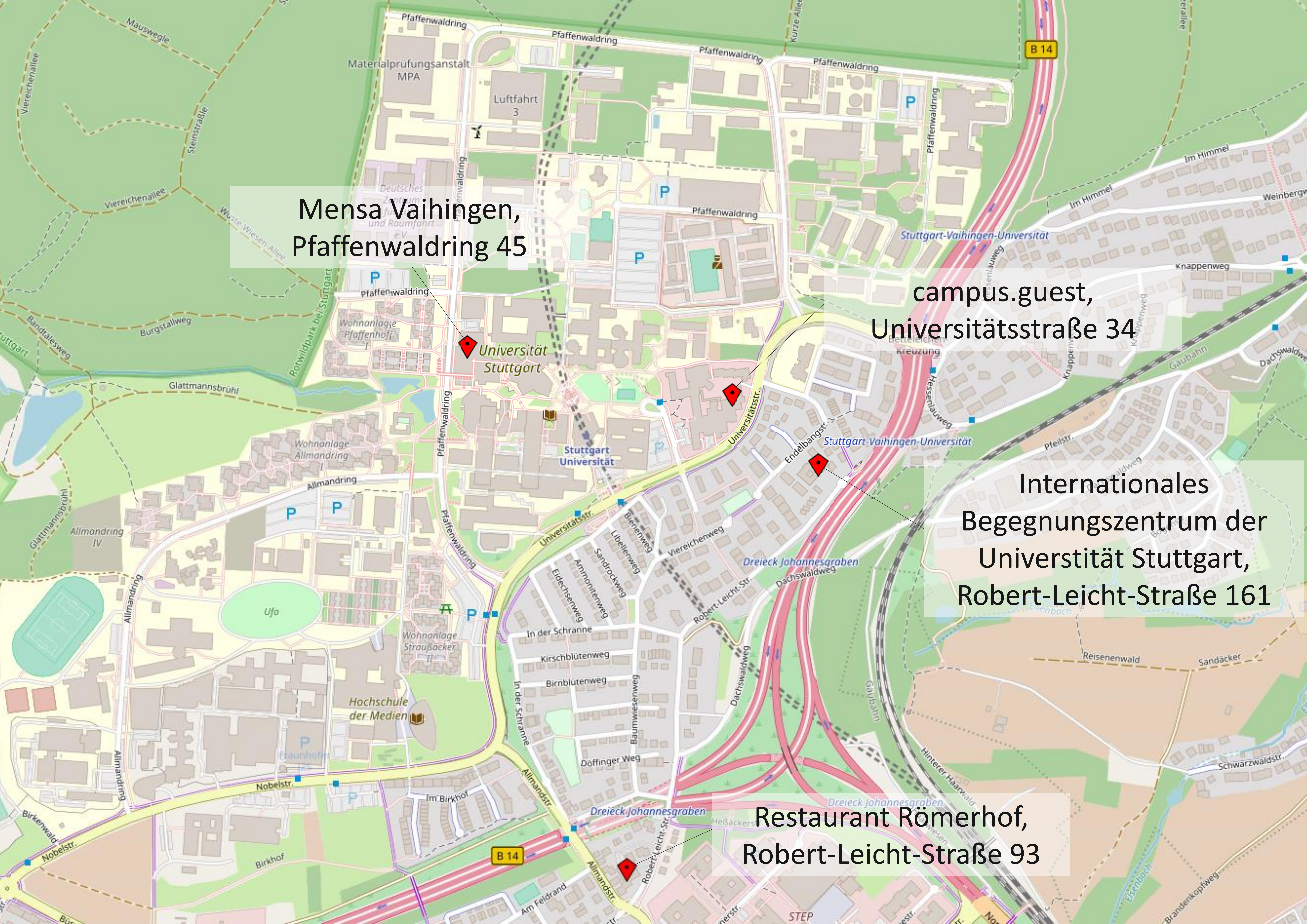
(Chair: Shubhi Harbola)

- 09:00 a.m.- **Dr. Gennady Andrienko**
09:45 a.m. Title: “Space, time and visual analytics Part 1”
10:00 a.m. - Discussion
10:45 a.m.
11:00 a.m **Drs. Natalia & Gennady Andrienko**
Title: “Space, time and visual analytics Part 2”
12:00 p.m. Lunch break

Session Wind energy and simulation

(Chair: Maximilian von der Grün)

- 01:00 p.m.- **Prof. Carlos Ferreira, TU Delft/NL**
01:45 p.m. Title: TBA
02:00 p.m - **Prof. Sander Mertens, THUAS/NL**
02:45 p.m. Title: TBA
03:00 p.m. **Prof. Lorenzo Battisti, University of Trento/IT**
Title: TBA
03:45 p.m. Closing ceremony (by Paul Rößner)



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Universität Stuttgart,
Robert-Leicht-Straße 161

Restaurant Römerhof,
Robert-Leicht-Straße 93