

SECOND ANNUAL OPEN DAY AND WORKSHOP

CHRISTIAN DOPPLER LABORATORY

DIGITAL TWIN ASSISTED AI FOR SUSTAINABLE RAN

Head of laboratory: Philipp Svoboda

November 15, 2024
09:00 – 14:30

Gusshausstrasse 27, 1040 Wien, Austria
Kontaktraum (5th floor)



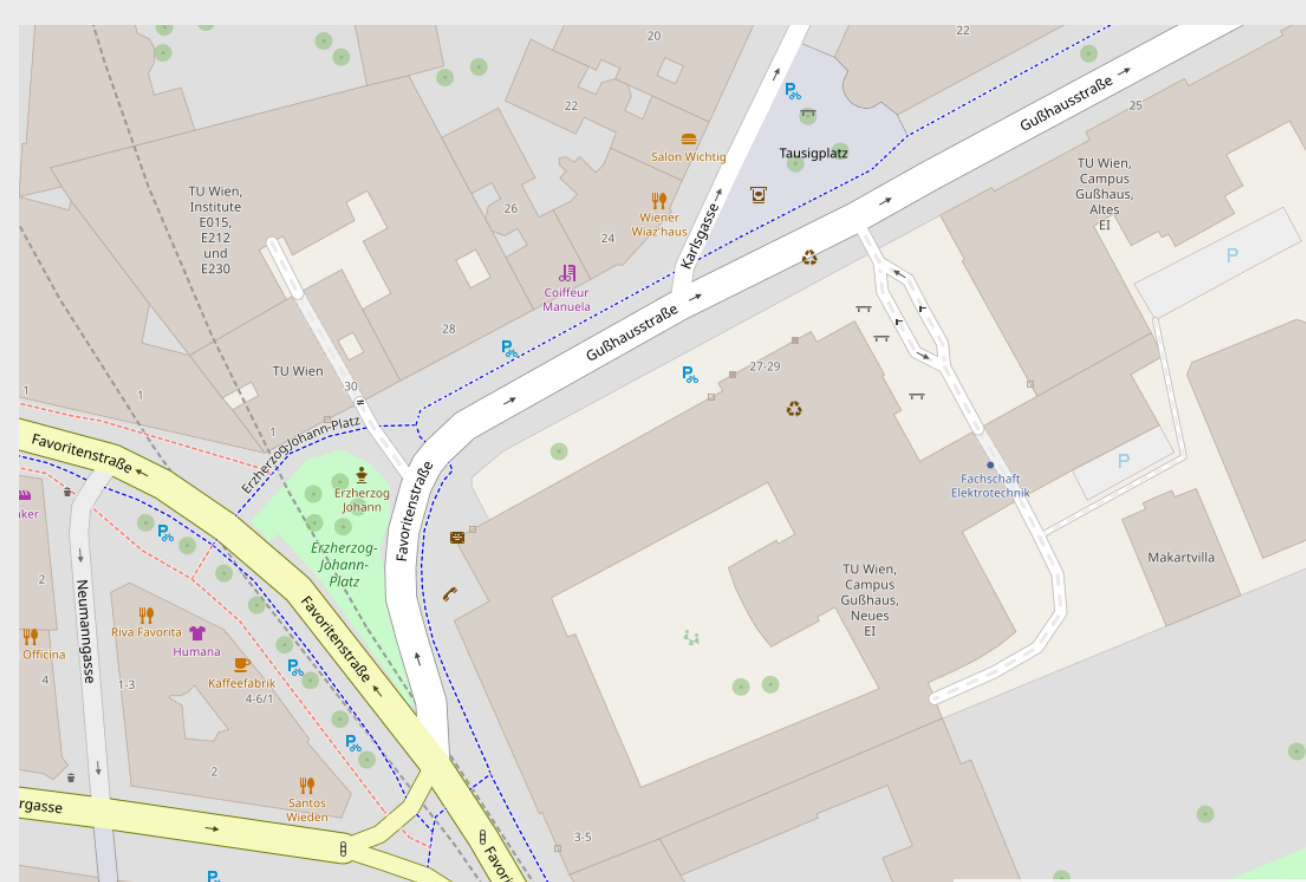
Program

- 09:00 – 9:30 Welcome Coffee Session
- Morning Session**
- 09:30 – 11:30 Talks by CD-Lab Members
- **Lunch Break** –
- Afternoon Session**
- 12:30 – 14:30 Talks by CD-Lab Members
- **Coffee Session** –
- 14:30 – Network and F2F Project Activity

Presenters

Sonja Tripkovic
Mariam Mussbah
Agnes Fastenbauer
Bashar Tahir
Lukas Eller
Richard Prüller
Wilfried Wiedner
Philipp Svoboda
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Location



Gusshausstrasse 27, 1040 Wien

Project Details

This CD laboratory aims to create a foundation for using artificial intelligence (AI) based learning and training methods in wireless networks in various scenarios, with the benefits of efficiency, sustainability, and reliability. For this purpose, we develop so-called “digital twins” (DT), representing enormously different environments such as trains, industrial sites, and dynamic environments, along with the corresponding wireless access and user populations.

Registration and online Information

Please register until October 31

E-Mail: philipp.svoboda@tuwien.ac.at

Information for virtual attendance and offline videos here:
<https://www.nt.tuwien.ac.at/christian-doppler-laboratory/press-events/>

Contact

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