

# SECOND ANNUAL OPEN DAY AND WORKSHOP

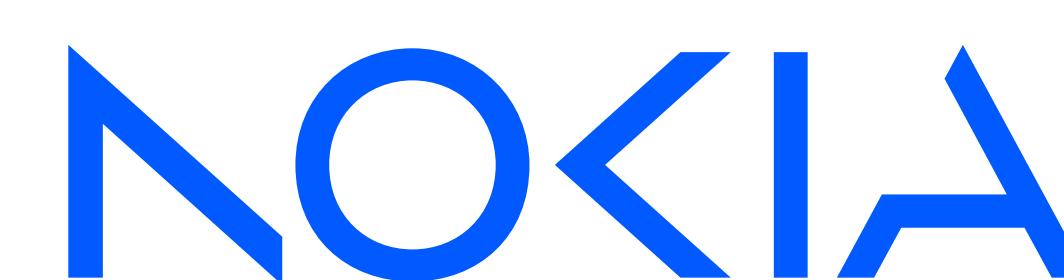
## CHRISTIAN DOPPLER LABORATORY

### 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

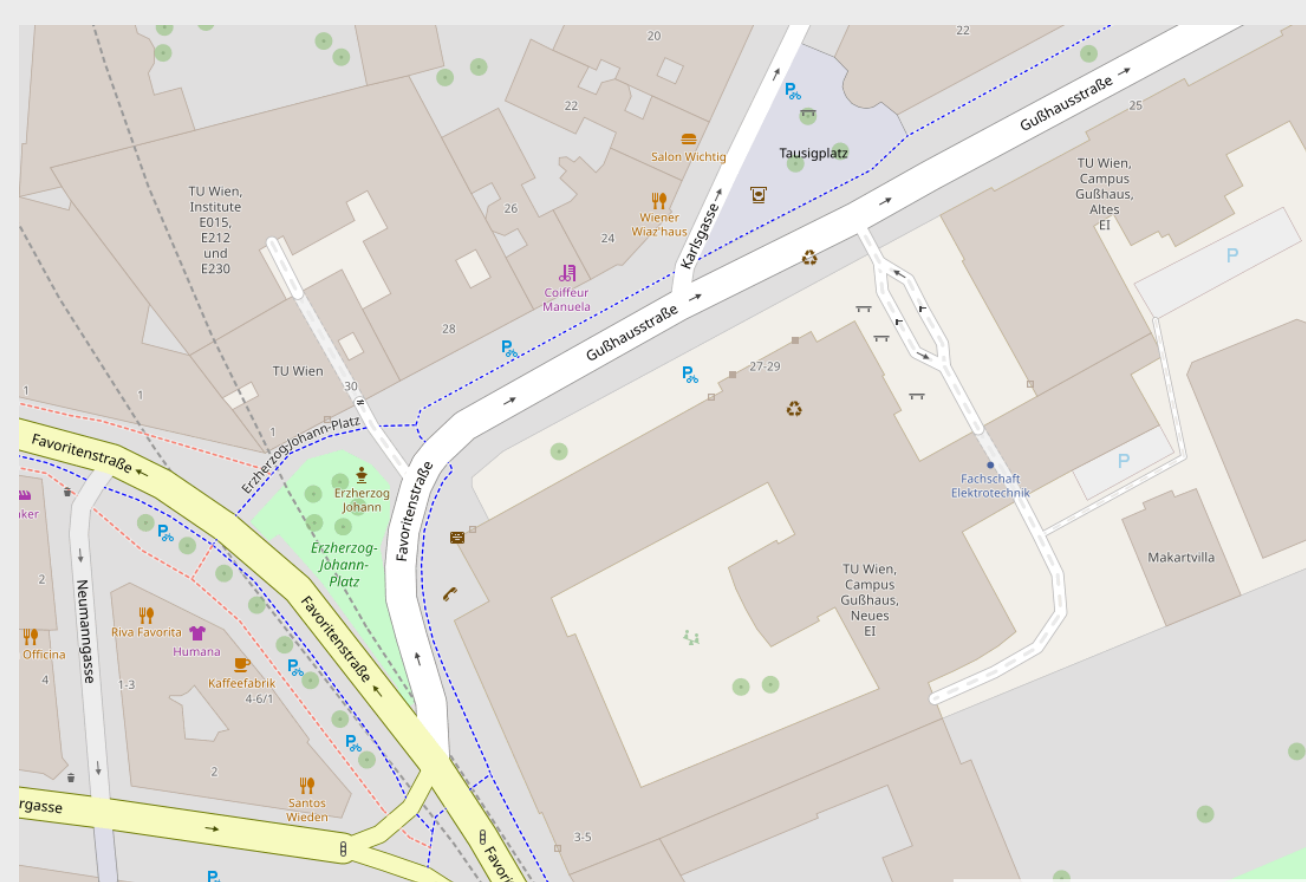
- 09:00 – 9:30 Welcome Coffee Session
- Morning Session**
- 09:30 – 11:30 Talks by CD-Lab Members
- **Lunch Break** –
- Afternoon Session**
- 12:30 – 14:30 Talks by CD-Lab Members
- **Coffee Session** –
- 14:30 – Network and F2F Project Activity

#### 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](mailto: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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