

ILRS Technical Workshop 2019

Stuttgart, October 21st to 25th, 2019



Knowledge for Tomorrow

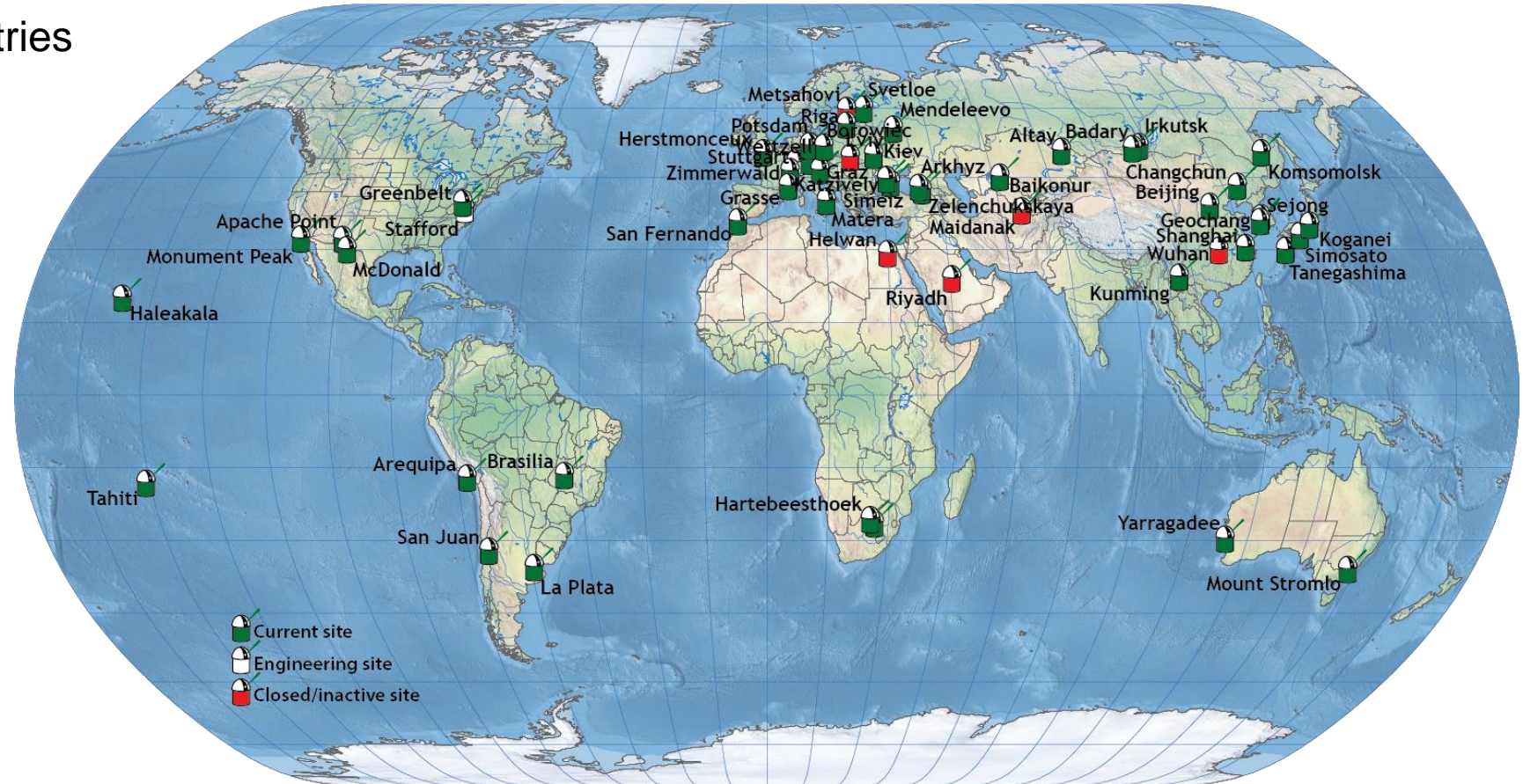


Facts & Figures

- 135 participants from 22 countries
- ~ 45 oral presentations
- ~ 25 posters
- 7 exhibitors

- 60 people: First time at an ILRS workshop

- More than 40 people involved in the workshop preparation – thank you all!



Sponsors



Deutsche
Forschungsgemeinschaft

Exhibition

- ASA
- Baader Planetarium
- Swabian Instruments
- Innolas
- GuideTech
- Single Quantum
- Quantum Design



Workshop at a glance

Monday	Tuesday	Wednesday	Thursday	Friday
Session 1 ("Introduction")	Session 2 Session 3	Session 4	Session 4 Highlight talk "Lunar Laser Ranging"	Session 5
Lunch	Lunch	Lunch	Lunch	Lunch
Session 2	Session 3	Poster Session	Technical tours	Session 6 ("Summary")
Transponder SC Welcome reception	Space Debris Panel	New applications panel	Technical tours	
	Missions SC	Gov. Board		
	NE SC	Gov. Board	Conference Dinner	



Speakers

- Please copy your slides to the presenter laptop in time!
- Come to your session in time
- Introduce yourself to the session chairs



Poster session

- Posters are displayed the whole week
- Please ask for the position of your board at the reception

- Dedicated poster discussion session
 - Wednesday after lunch
 - Please be near your poster for questions

- Best poster award
 - Everyone: Please fill out the ballot until Wednesday evening!
 - Best poster will win a DLR souvenir

- Please send your poster pdf → Carey Noll



Panels

- Discuss controversial topics with the audience
- Prepare some questions for the panel!

- Panel 1: Space Debris Laser Ranging
 - Tim Flohrer, Georg Kirchner

- Panel 2: New applications
 - Evan Hoffmann, Sven Bauer



Welcome to Stuttgart!



Welcome to Stuttgart!



Vaihingen

- To city:
 - Tram: U1
 - S-Bahn: S1, S2, S3
- Public transport info:
 - www.vvs.de
 - VVS App



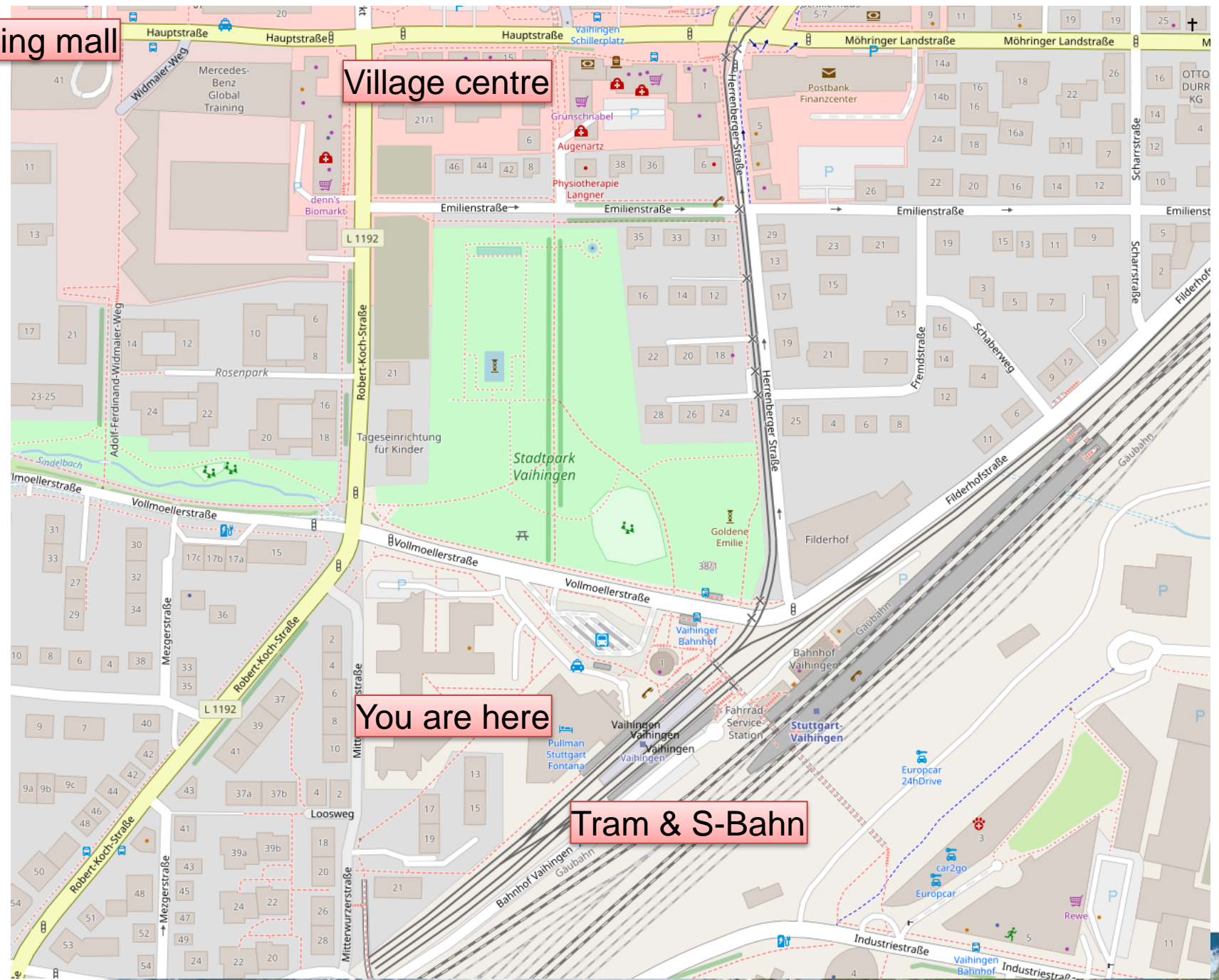
- Please buy ticket before boarding!

Shopping mall

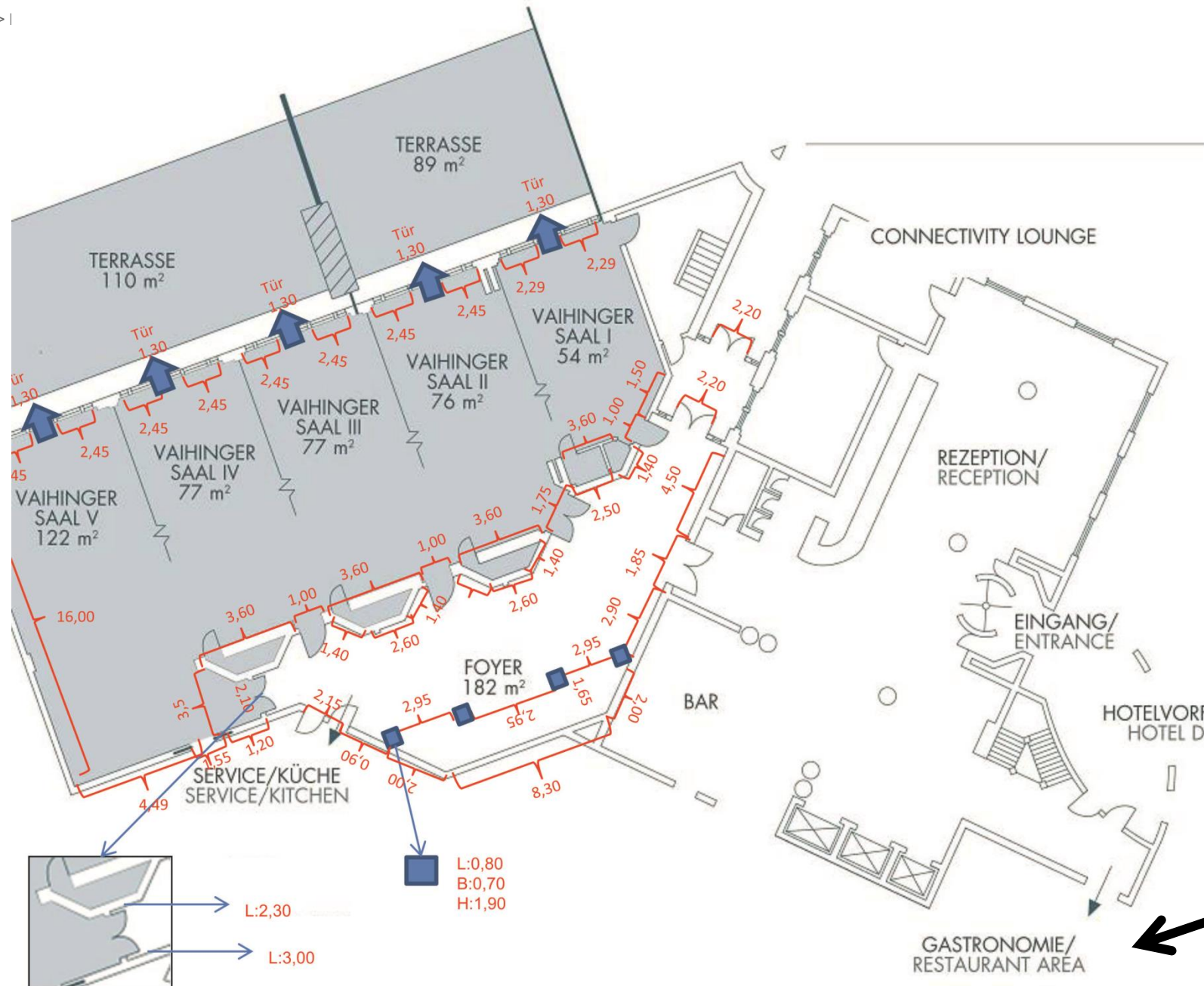
Village centre

You are here

Tram & S-Bahn

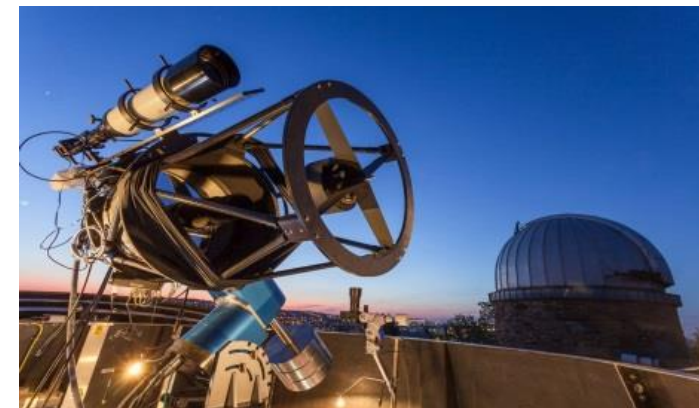


Venue



Technical tours to SLR stations (Thursday)

- Busses leave from hotel at 13:00.
- Bus 1: First to UFO, then to STAR-C
- Bus 2: First to STAR-C, then to UFO
- If you want to go to only one station, take the appropriate bus and just stay there
- Stations can also be reached and left by public transport (see booklet)
- It may be cold and rainy...
- Return to venue: 18:00

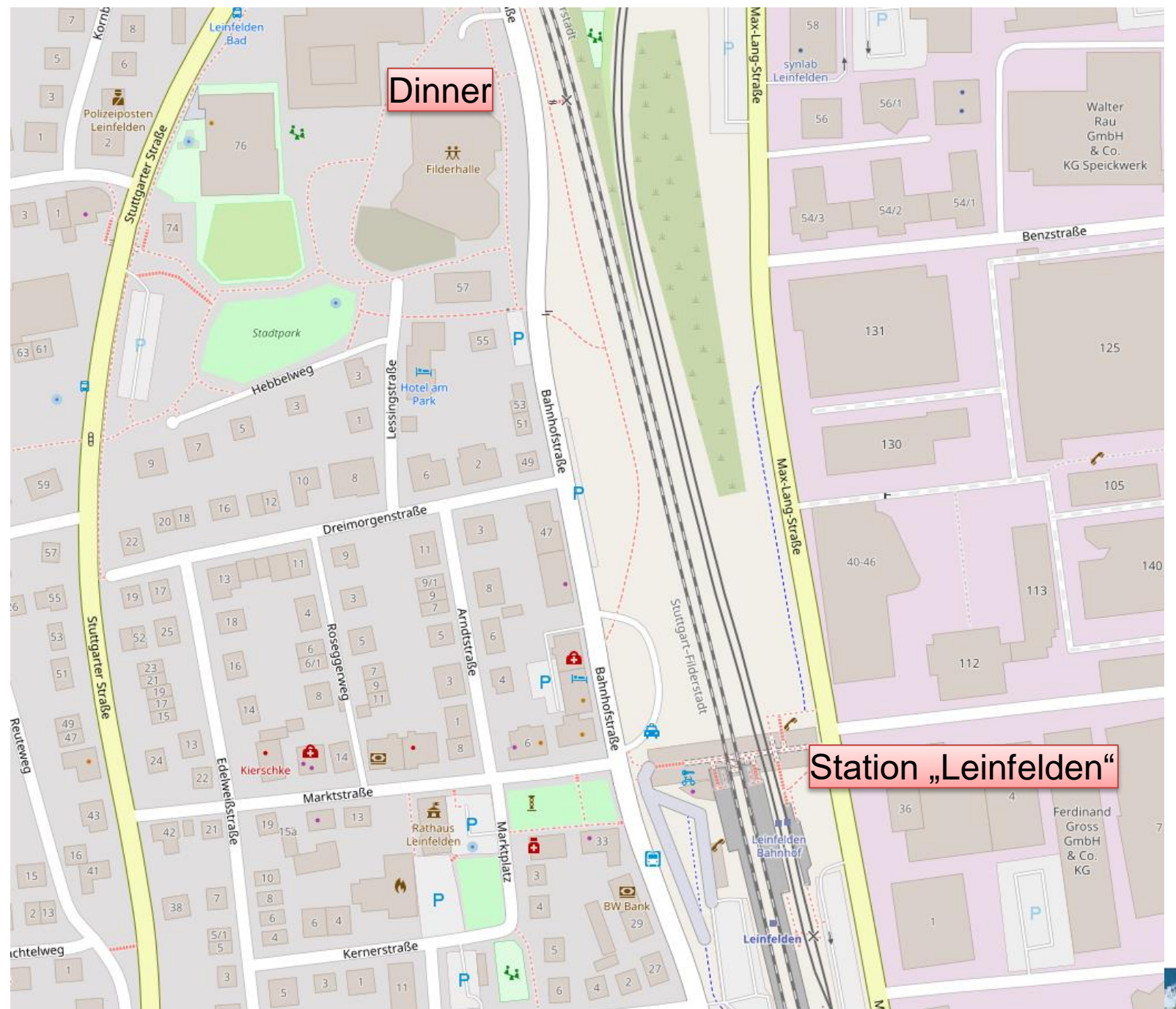


Conference Dinner (Thursday evening)

- 19:00 Doors open
- 19:45 dinner starts

- S-Bahn to „Leinfelden“
 - 18:40, S2 (➔ Filderstadt)
 - 19:00, S3 (➔ Airport)
 - 19:10, S2 (➔ Filderstadt)
 - 19:30, S3 (➔ Airport)

(travel from Vaihingen: 6 min)

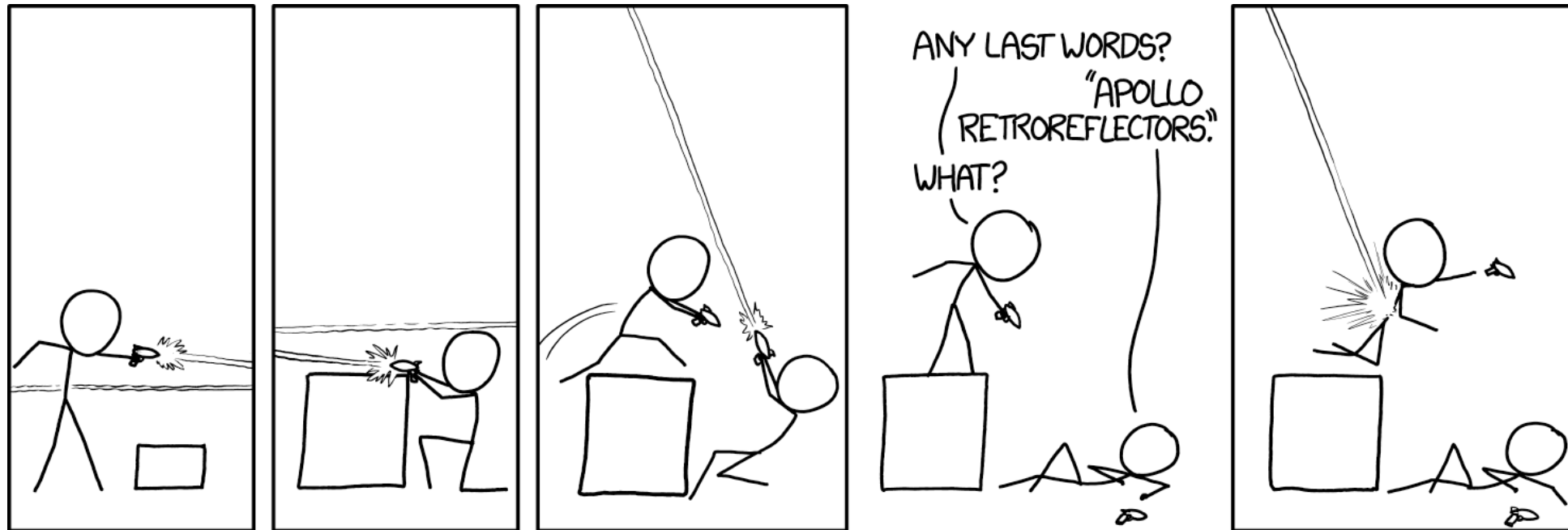


Session 1

Thomas Dekorsy	Welcome by DLR and the Institute of Technical Physics
Wolfgang Riede	Overview of laser ranging activities at the Institute of Technical Physics
Toshimichi Otsubo	Opening remarks from GB Chair: Highlighting the significance of the workshop
Carey Noll	ILRS: Recent developments
Matthew Wilkinson	Next generation laser ranging systems
John Degnan	Possible Pathways to Producing Rapid Millimeter Accuracy Normal Points
Georg Kirchner	SLR in the next 7.5 years



Enjoy your stay in Stuttgart!



Randall Munroe
„Turnabout“

