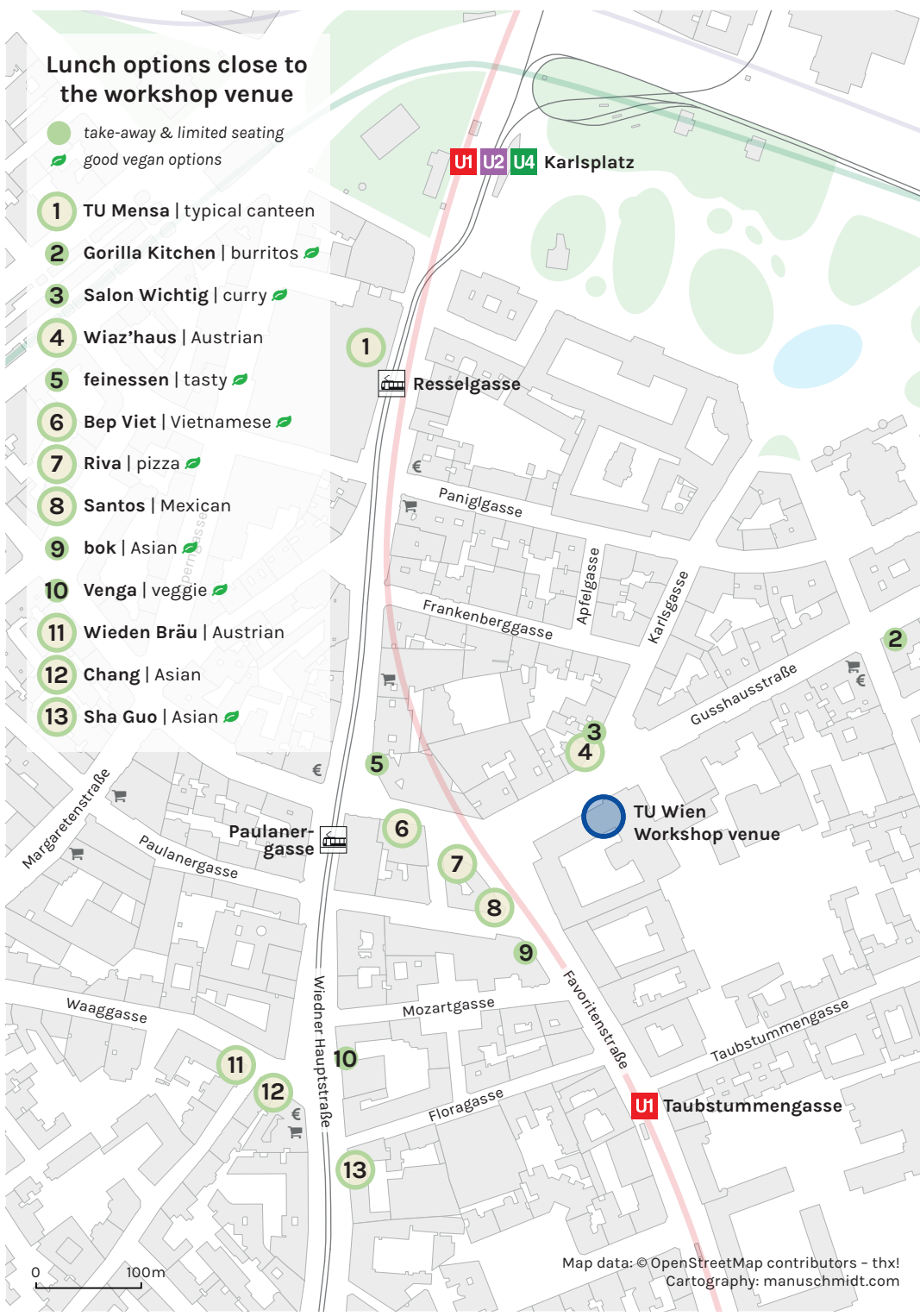
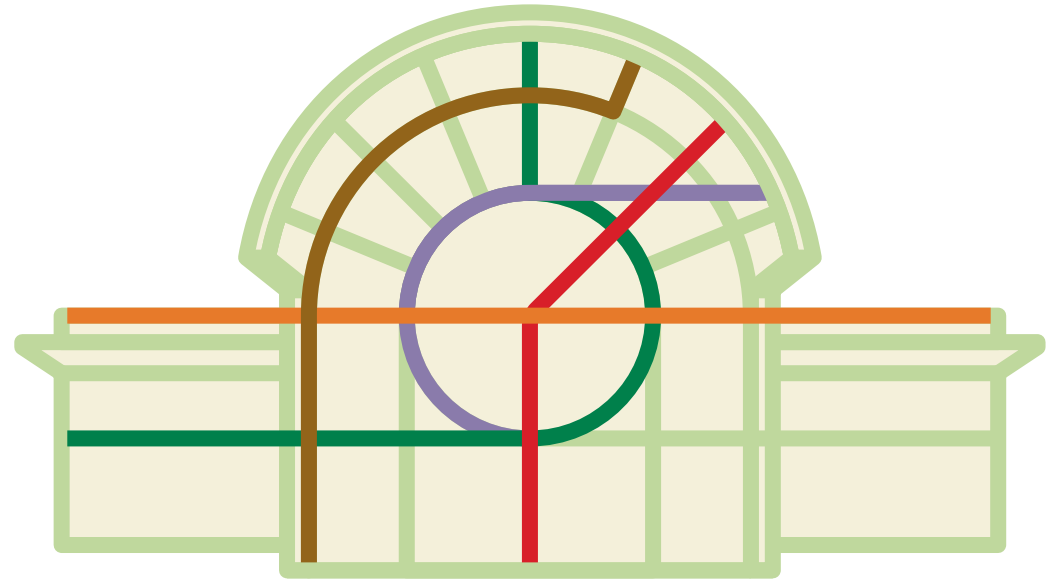


### Lunch options close to the workshop venue

- take-away & limited seating
- 🌿 good vegan options
- 1** TU Mensa | typical canteen
- 2** Gorilla Kitchen | burritos 🌿
- 3** Salon Wichtig | curry 🌿
- 4** Wiaz'haus | Austrian
- 5** feinessen | tasty 🌿
- 6** Bep Viet | Vietnamese 🌿
- 7** Riva | pizza 🌿
- 8** Santos | Mexican
- 9** bok | Asian 🌿
- 10** Venga | veggie 🌿
- 11** Wieden Bräu | Austrian
- 12** Chang | Asian
- 13** Sha Guo | Asian 🌿



# 2nd Schematic Mapping Workshop Program



11/12 April 2019



## Day 1, Thursday

08:30 – 08:55	Registration	
08:55 – 09:00	Opening and Welcome	
<b>Session 1: Usability Testing</b>		Chair: David Forrest
09:00 – 09:35	Schematic Map Design: From Performance to Preference? Elise Grison	P
09:35 – 10:00	East or West? Map Design and Passenger Path Decisions on Mass Transit Networks Elise Grison and Simone Morgagni	
10:00 – 10:35	Us Versus Them: Ensuring Practical and Psychological Utility of Measures of Schematic Map Usability Maxwell Roberts	P
10:35 – 10:45	Breakout Activity: Next Steps in Usability Testing (Part 1)	
10:45 – 11:15	Coffee Break	
11:15 – 11:35	Breakout Activity: Next Steps in Usability Testing (Part 2)	
<b>Session 2: Schematic Mapping in the Real World</b>		Chair: Peter Eades
11:35 – 12:10	Transferring Maps Into the Digital Age – The Case of Wiener Linien Nicole Ringer	P
12:10 – 12:45	Breakout Activity: Experiences and Challenges in Bridging Research and Practice	
12:45 – 14:15	Lunch Break	
<b>Session 3: Automation (Part 1)</b>		Chair: Wouter Meulemans
14:15 – 14:50	A Survey on Computing Schematic Network Maps: The Challenge to Interactivity Hsiang-Yun Wu, Benjamin Niedermann, Shigeo Takahashi, and Martin Nöllenburg	P
14:50 – 15:15	Drawing k-linear Metro Maps Soeren Nickel and Martin Nöllenburg	
15:15 – 15:45	Software Demonstrations	
15:45 – 16:15	Coffee Break	
<b>Open Mic and Poster Teasers</b>		Chair: Martin Nöllenburg
16:15 – 16:45	Open Mic Presentations	
16:45 – 17:15	Teaser Presentations for Accepted Posters and Designs	
17:15 – 18:30	Optional Guided City Walk	
18:30 – 22:00	Poster Exhibition and Workshop Dinner (Wiener Linien U2xU5 Information Center, Station Volkstheater)	

P = Position Paper D = Design

## Day 2, Friday

<b>Session 4: Automation (Part 2)</b>		Chair: Benjamin Niedermann
09:00 – 09:35	Algorithmically-Assisted Metro Map Design Thomas van Dijk	P
09:35 – 10:15	Breakout Activity: Hopes and Limitations for Automated Schematic Mapping	
10:15 – 10:45	Coffee Break	
<b>Session 5: Schematics Beyond Public Transit Networks</b>		Chair: Herman Haverkort
10:45 – 11:20	Wayfinding Through Orientation: Schematizing Landmark, Route and Survey Information in a Single Map Angela Schwering	P
11:20 – 11:45	Route Schematization With Polygonal Landmarks Marcelo de Lima Galvao, Jakub Krukar, Angela Schwering, and Martin Nöllenburg	
11:45 – 12:15	Breakout Activity: Metro Maps as a Metaphor	
12:15 – 13:45	Lunch Break	
<b>Open Mic Presentations</b>		Chair: Georg Gartner
13:45 – 14:00	Open Mic Presentations	
<b>Session 6: History of Schematic Mapping</b>		Chair: Georg Gartner
14:00 – 14:35	On the History of Schematic Maps: From Ancient Times to 1900 Laurence Penney	P
14:35 – 15:00	Sydney's Suburban and City Underground Railway Map No1, 1939: an investigation William Cartwright and Kenneth Field	
15:00 – 15:35	The Decade of Diagrams Maxwell Roberts	P
15:35 – 16:00	Farewell	
16:30 – 18:00	Optional Guided Visit to the Austrian National Library	
<b>Posters</b>		
Aspect-Ratio-Preserved Labeling on Metro Maps Hsiang-Yun Wu, Ken Maruyama, Takamasa Kawagoe, Kazuo Misue, Masatoshi Arikawa and Shigeo Takahashi	Using Schematic Mapping for Synthetic Networks David Fairbairn and Qingyuan Ji	
OptiRoute: Interactive Maps for Wayfinding in a Complex Environment Elitza Vasileva and Hsiang-Yun Wu	Using Schematic Maps for Visually Communicating Efficient Routes Stefan Fuest and Monika Sester	
Anchored Metro Maps: Combining Schematic Maps with Geographic Maps for Multi-modal Navigation Benjamin Niedermann and Jan-Henrik Haurert	Map Design: Netzplan Wien Ben Lode	D
	Another New Design for an Old Map Kenneth Field and William Cartwright	D