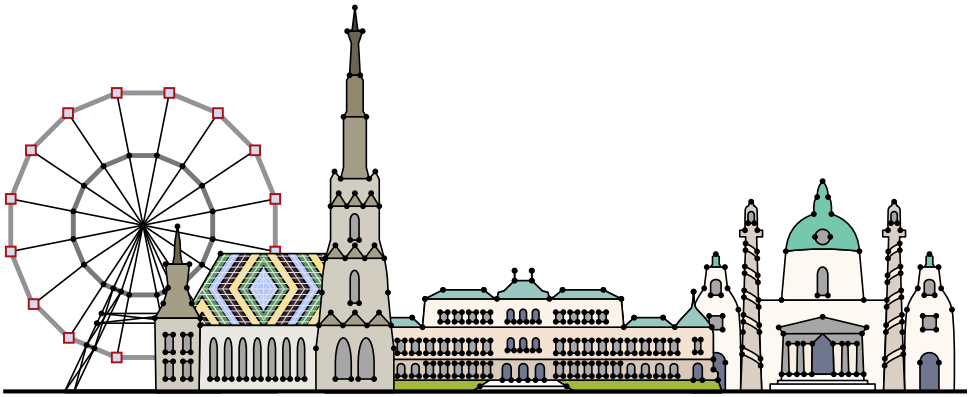
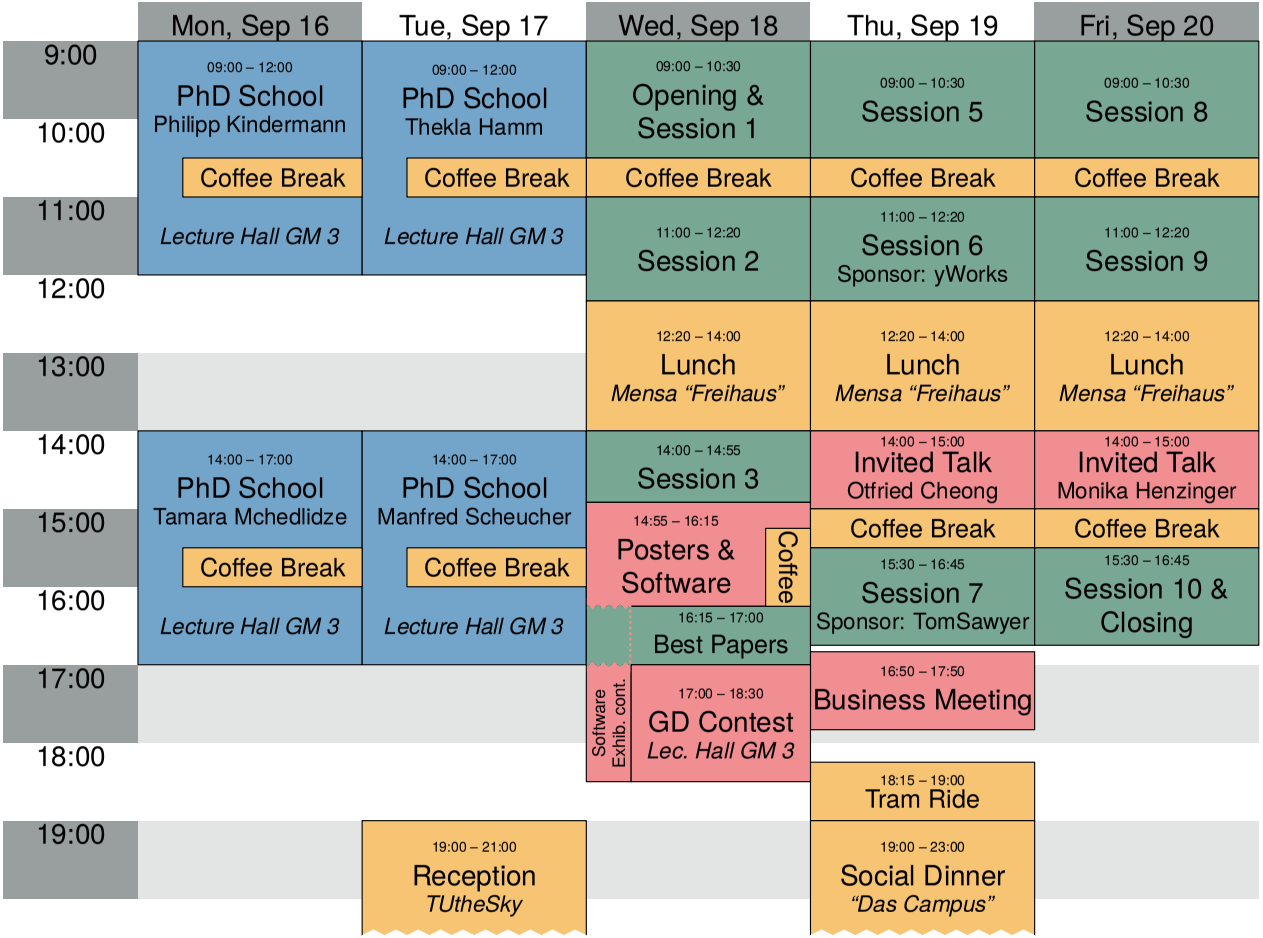
32nd International Symposium on

Graph Drawing and Network Visualization

Sept. 18 – 20, 2024 **Vienna**, Austria

gd 24




Mon, Sep 16
Tue, Sep 17
Wed, Sep 18
Thu, Sep 19
Fri, Sep 20
9:00
10:00
11:00
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13:00
14:00
15:00
16:00
17:00
18:00
19:00
09:00 – 12:00
PhD School
Philipp Kindermann
Coffee Break
Lecture Hall GM 3
09:00 – 12:00
PhD School
Thekla Hamm
Coffee Break
Lecture Hall GM 3
09:00 – 10:30
Opening & Session 1
Coffee Break
11:00 – 12:20
Session 2
12:20 – 14:00
Lunch
Mensa "Freihaus"
14:00 – 14:55
Session 3
14:55 – 16:15
Posters & Software
Coffee
16:15 – 17:00
Best Papers
Software Exhib. cont.
17:00 – 18:30
GD Contest
Lec. Hall GM 3
09:00 – 10:30
Session 5
Coffee Break
11:00 – 12:20
Session 6
Sponsor: yWorks
12:20 – 14:00
Lunch
Mensa "Freihaus"
14:00 – 15:00
Invited Talk
Otfried Cheong
Coffee Break
15:30 – 16:45
Session 7
Sponsor: TomSawyer
16:50 – 17:50
Business Meeting
18:15 – 19:00
Tram Ride
19:00 – 23:00
Social Dinner
"Das Campus"
09:00 – 10:30
Session 8
Coffee Break
11:00 – 12:20
Session 9
12:20 – 14:00
Lunch
Mensa "Freihaus"
14:00 – 15:00
Invited Talk
Monika Henzinger
Coffee Break
15:30 – 16:45
Session 10 & Closing
14:00 – 17:00
PhD School
Tamara Mchedlidze
Coffee Break
Lecture Hall GM 3
14:00 – 17:00
PhD School
Manfred Scheucher
Coffee Break
Lecture Hall GM 3
19:00 – 21:00
Reception
TUtheSky

Welcome to GD 2024!

This year, GD, the International Symposium on Graph Drawing and Network Visualization, returns to Vienna, Austria after 23 years. Vienna is a vibrant city in the heart of Europe, a city full of imperial history, art, and culture, as well as an international science hub with more than 190,000 students and home to many institutions of the United Nations.

We are proud to host GD 2024 and its accompanying PhD School at TU Wien and will do our best to make this a memorable week for all participants. At GD 2024 you will be able to learn about the latest research results in the field of graph drawing and network visualization in ten sessions featuring 38 contributed papers, draw inspiration from the invited talks of our keynote speakers Otfried Cheong and Monika Henzinger, discuss late-breaking results in the poster session, as well as experience graph drawing in action by visiting the software exhibition.

But that is not all. Participate in the Live Challenge and show your talent for minimizing crossings in point set embeddings as part of the traditional GD Contest. Meet current collaborators and establish new contacts at various opportunities for scientific exchange and networking, including our Welcome Reception overlooking the city at nightfall and the Conference Dinner event which features an exclusive GD 2024 tram ride that will take us along the sights of the famous Ringstraße.

We are expecting to be joined by more than 120 researchers and practitioners from all over the world for a week full of inspiring ideas, lively discussions, new insights, and for simply having a good time among fellow graph drawers. We thank all those who contributed to this year's GD, be it as an author, as a reviewer, or as a member of the program committee. We also want to thank all our sponsors and partners for their generous support that made this event possible.

Enjoy GD 2024 in Vienna!

Robert Ganian and Martin Nöllenburg
GD 2024 Local Chairs

Invited Speakers

Otfried Cheong SCALGO, Denmark

Thu, Sep 19, 14:00 – 15:00

"How Can Biclique Covers Help in Matching Problems"

Abstract. In several settings one encounters assignment or matching problems between objects of two different types, and needs to run a computation on a bipartite graph. While this graph can potentially be dense, it can sometimes be represented compactly using a biclique cover. This is in particular often the case when the objects are geometric—we will look at examples, and see how recent progress on maximum flow can be combined with such biclique covers to obtain faster algorithms.

Biography. Otfried Cheong received his PhD in mathematics from FU Berlin, and has held academic positions at Utrecht University, Postech, Hong Kong University of Science & Technology, TU Eindhoven, and KAIST. He now works for SCALGO, designing and implementing algorithms for water flow simulations. He is the author of the vector graphics editor 'Ipe', and one of the authors of a well-known text book on computational geometry.

Monika Henzinger ISTA, Austria

Fri, Sep 20, 14:00 – 15:00

"How Can Algorithms Help in Protecting our Privacy"

Abstract. Decisions are increasingly automated using rules that were learnt from personal data. Thus, it is important to guarantee that the privacy of the data is protected during the learning process. To formalize the notion of an algorithm that protects the privacy of its data, differential privacy was introduced by Dwork, McSherry, Nissim, and Smith in 2006. It is a rigorous mathematical definition to analyze the privacy properties of an algorithm—or the lack thereof. In this talk I will give an introduction to differential privacy with an emphasis on differential private algorithms that can handle dynamically changing input data.


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Biography. Monika Henzinger is a professor of Computer Science at the Institute of Science and Technology Austria (ISTA). She holds a PhD in computer science from Princeton University (New Jersey, USA), and has been the head of research at Google and a professor of computer science at EPFL and at the University of Vienna. Monika Henzinger is an ACM and EATCS Fellow and a member of the Austrian Academy of Sciences and the German National Academy of Sciences Leopoldina. She has received several awards, including an honorary doctorate from TU Dortmund University, two ERC Advanced Grants, the Leopoldina Carus Medal, and the Wittgensteinpreis—the highest scientific award of Austria.

Monday, September 16

PhD School, *Lecture Hall GM3 (2nd floor)*

08:30 – 09:00 Registration

09:00 – 12:00 Lecturer: Philipp Kindermann

"Reducing Connectivity Requirements: SPQR-Trees and Block-Cut-Trees"

- **09:00 – 10:30** Lecture
- **10:30 – 11:00** Coffee Break
- **11:00 – 12:00** Exercises & Discussion

12:00 – 14:00 *Individual Lunch Break*

→ see Page 16 for some lunch options

14:00 – 17:00 Lecturer: Tamara Mchedlidze

"European Value Maps – From Theory to Application"

- **14:00 – 15:30** Lecture
- **15:30 – 16:00** Coffee Break
- **16:00 – 17:00** Exercises & Discussion

Further information on the PhD School can be found online.

https://graphdrawing.github.io/gd2024/pages/school

Tuesday, September 17

PhD School, *Lecture Hall GM3 (2nd floor)*

09:00 – 12:00 Lecturer: Thekla Hamm

"Parameterized Algorithms and Few Crossings"

- **09:00 – 10:30** Lecture
- **10:30 – 11:00** Coffee Break
- **11:00 – 12:00** Exercises & Discussion

12:00 – 14:00 *Individual Lunch Break*

→ see Page 16 for some lunch options

14:00 – 17:00 Lecturer: Manfred Scheucher

"Using SAT Solvers in Combinatorial Geometry and Graph Drawing"

- **14:00 – 15:30** Lecture
- **15:30 – 16:00** Coffee Break
- **16:00 – 17:00** Exercises & Discussion

Start of the Main Conference

19:00 – 21:00 Welcome Reception, *TUtheSky*

→ see Page 20 for details

Wednesday, September 18

08:30 – 09:00 Registration

09:00 – 09:15 Opening

09:15 – 10:30 Session 1 (*Chair: Torsten Ueckerdt*)

09:15 *Martin Balko, Petr Hliněný, Tomáš Masařík, Joachim Orthaber, Birgit Vogtenhuber, and Mirko H. Wagner.*
"On the Uncrossed Number of Graphs" [T1]

09:35 *Aaron Büngener and Michael Kaufmann.*
"Improving the Crossing Lemma by Characterizing Dense 2-Planar and 3-Planar Graphs" [T1]

09:55 *Aaron Büngener and Maximilian Pfister.*
"On the edge density of bipartite 3-planar and bipartite gap-planar graphs" [T1]

10:15 *Panna Gehér and Géza Tóth.*
"1-planar unit distance graphs" [S]

10:30 – 11:00 Coffee Break

11:00 – 12:20 Session 2 (*Chair: Fabrizio Montecchiani*)

11:00 *Daniel Archambault, Giuseppe Liotta, Martin Nöllenburg, Tommaso Piselli, Alessandra Tappini, and Markus Wallinger.*
"Bundling-Aware Graph Drawing" [T2]

11:20 *Amyra Meidiana, Seok-Hee Hong, and Yongcheng Jing.*
"Connectivity-Faithful Graph Drawing" [T2]

11:40 *Gavin J. Mooney, Helen C. Purchase, Michael Wybrow, Stephen G. Kobourov, and Jacob Miller.*
"The Perception of Stress in Graph Drawings" [T2]

12:00 *Alexander Dobler, Michael Jünger, Paul J. Jünger, Julian Meffert, Petra Mutzel, and Martin Nöllenburg.*
"Revisiting ILP Models for Exact Crossing Minimization in Storyline Drawings" [T2]

[T1] Track 1 Paper, [T2] Track 2 Paper, [S] Short Paper

12:20 – 14:00 Lunch, *Mensa "Freihaus", 1st floor*

14:00 – 14:55 Session 3 (*Chair: Alessandra Tappini*) **14:00**
Thomas Depian, Simon D. Fink, Robert Ganian, and Martin Nöllenburg.
"The Parameterized Complexity of Extending Stack Layouts" [T1]

14:20 *Miriam Münch and Ignaz Rutter.*
"Parameterized Algorithms for Beyond Planar Crossing Numbers" [T1]

14:40 *Julia Katheder, Philipp Kindermann, Fabian Klute, Irene Parada, and Ignaz Rutter.*
"On k-Plane Insertion into Plane Drawings" [S]

14:55 – 15:15 Poster & Software Teasers

15:15 – 16:15 Poster Session & Software Exhibition (*Room BA 10A*)
→ see Page 12 for the list of posters and software contributions

Coffee Break **15:15 – 16:15**

16:15 – 17:00 Best Paper Session

16:20 *Michael Kaufmann, Boris Klemz, Kristin Knorr, Meghana M. Reddy, Felix Schröder, and Torsten Ueckerdt.*
"The Density Formula: One Lemma to Bound Them All" [T1]

16:40 *Henry Förster, Felix Klesen, Tim Dwyer, Peter Eades, Seok-Hee Hong, Stephen G. Kobourov, Giuseppe Liotta, Kazuo Misue, Fabrizio Montecchiani, Alexander Pastukhov, and Falk Schreiber.*
"GraphTrials: Visual Proofs of Graph Properties" [T2]

17:00 – 18:30 GD Live Challenge, *Lecture Hall GM3 (2nd floor)*

Continued Software Exhibition, *Room BA 10A* **17:00 – 18:30**

Thursday, September 19

09:00 – 10:30 Session 5 (*Chair: Boris Klemz*)

09:00 *Markus Chimani, Torben Donzelmann, Nick Kloster, Melissa Koch, Jan-Jakob Völlering, and Mirko H. Wagner.*
"Crossing Numbers of Beyond Planar Graphs Re-revisited: A Framework Approach" [T1]

09:20 *Tim Hegemann and Alexander Wolff.*
"Storylines with a Protagonist" [T2]

09:40 *Susanna Caroppo, Giordano Da Lozzo, and Giuseppe Di Battista.*
"Quantum Algorithms for One-Sided Crossing Minimization" [S]

09:55 *Annika Bonerath, Martin Nöllenburg, Soeren Terziadis, Markus Wallinger, and Jules Wulms.*
"Boundary Labeling in a Circular Orbit" [T1]

10:15 *Adrian Dumitrescu and János Pach (pres. by Géza Tóth).*
"Partitioning Complete Geometric Graphs on Dense Point Sets into Plane Subgraphs" [S]

10:30 – 11:00 Coffee Break

11:00 – 12:20 Session 6 – Sponsored by yWorks (*Chair: Markus Chimani*)

11:00 *Laura Merker, Lena Scherzer, Samuel Schneider, and Torsten Ueckerdt.*
"Intersection Graphs with and without Product Structure" [T1]

11:20 *Vida Dujmović and Camille La Rose.*
"Rectilinear Crossing Number of Graphs Excluding Single-Crossing Graphs as Minors" [T1]

11:40 *Michael A. Bekos, Prosenjit Bose, Aaron Büngener, Vida Dujmović, Michael Hoffmann, Michael Kaufmann, Pat Morin, Saeed Odak, and Alexandra Weinberger.*
"On k-planar Graphs without Short Cycles" [T1]

12:00 *Oksana Firman, Grzegorz Gutowski, Myroslav Kryven, Yuto Okada, and Alexander Wolff.*
"Bounding the Treewidth of Outer k-Planar Graphs via Triangulations" [T1]

12:20 – 14:00 Lunch, *Mensa "Freihaus", 1st floor*

14:00 – 15:00 Invited Talk by *Otfried Cheong*

"How Can Biclique Covers Help in Matching Problems"

→ see Page 2 for details

15:00 – 15:30 Coffee Break

15:30 – 16:45 Session 7 – Sponsored by TomSawyer

(*Chair: Géza Tóth*)

15:30 *Jacob Fox, János Pach, and Andrew Suk.*
"Enumeration of intersection graphs of x-monotone curves" [T1]

15:50 *Helena Bergold, Joachim Orthaber, Manfred Scheucher, and Felix Schröder.*
"Holes in Convex and Simple Drawings" [S]

16:05 *Rohan Acharya, Torsten Mütze, and Francesco Verciani.*
"Flips in colorful triangulations" [T1]

16:25 *Sebastiano Cultrera di Montesano, Ondřej Draganov, Herbert Edelsbrunner, and Morteza Saghafian.*
"The Euclidean MST-ratio for Bi-colored Lattices" [T1]

16:50 – 17:50 Business Meeting

18:15 – 19:00 GD Tram Ride from Karlsplatz to Social Dinner venue

→ see Page 20 for details

19:00 – 23:00 Social Dinner, *Restaurant "Das Campus"*

→ see Page 20 for details

Friday, September 20

09:00 – 10:30 Session 8 (*Chair: Vida Dujmović*)

09:00 *Therese Biedl, Sabine Cornelsen, Jan Kratochvíl, and Ignaz Rutter.*
"Constrained Outer-String Representations" [T1]

09:20 *Daniel J. Chang and Timothy Sun.*
"Harborth's conjecture for 4-regular planar graphs" [S]

09:35 *Petr Hliněný and Lili Ködmön.*
"Note on Min-k-Planar Drawings of Graphs" [S]

09:50 *David Eppstein, Michael T. Goodrich, and Abraham M. Illickan.*
"Drawing Planar Graphs and 1-Planar Graphs Using Cubic Bézier Curves with Bounded Curvature" [T1]

10:10 *Greg Aloupis, Ahmad Biniaz, Prosenjit Bose, Jean-Lou De Carufel, David Eppstein, Anil Maheshwari, Saeed Odak, Michiel Smid, Csaba D. Tóth, and Pavel Valtr.*
"Noncrossing Longest Paths and Cycles" [T1]

10:30 – 11:00 Coffee Break

11:00 – 12:20 Session 9 (*Chair: Maarten Löffler*)

11:00 *Steven Chaplick, Henry Förster, Michael Hoffmann, and Michael Kaufmann.*
"Monotone Arc Diagrams with few Biarcs" [T1]

11:20 *Oswin Aichholzer, Joachim Orthaber, and Birgit Vogtenhuber.*
"Separable Drawings: Extendability and Crossing-Free Hamiltonian Cycles" [T1]

11:40 *Therese Biedl, Anna Lubiw, and Jack Spalding-Jamieson.*
"Morphing Planar Graph Drawings via Orthogonal Box Drawings" [T1]

12:00 *Michael A. Bekos, Giuseppe Di Battista, Emilio Di Giacomo, Walter Didimo, Michael Kaufmann, and Fabrizio Montecchiani.*
"On the Complexity of Recognizing k^+-Real Face Graphs" [T1]

12:20 – 14:00 Lunch, *Mensa "Freihaus", 1st floor*

14:00 – 15:00 Invited Talk by *Monika Henzinger*

"How Can Algorithms Help in Protecting our Privacy"
→ see Page 3 for details

15:00 – 15:30 Coffee Break

15:30 – 16:30 Session 10 (*Chair: Andreas Kerren*)

15:30 *Patrizio Angelini, Therese Biedl, Markus Chimani, Sabine Cornelsen, Giordano Da Lozzo, Seok-Hee Hong, Giuseppe Liotta, Maurizio Patrignani, Sergey Pupyrev, Ignaz Rutter, and Alexander Wolff.*
"The Price of Upwardness" [T1]

15:50 *Carlos Alegría, Susanna Caroppo, Giordano Da Lozzo, Marco D'Elia, Giuseppe Di Battista, Fabrizio Frati, Fabrizio Grosso, and Maurizio Patrignani.*
"Upward Pointset Embeddings of Planar st-Graphs" [T1]

16:10 *Michael A. Bekos, Giordano Da Lozzo, Fabrizio Frati, Siddharth Gupta, Philipp Kindermann, Giuseppe Liotta, Ignaz Rutter, and Ioannis G. Tollis.*
"Weakly Leveled Planarity with Bounded Span" [T1]

16:30 – 16:45 Closing Remarks & Award Ceremony

List of Posters

- *Joshua Geis and Johannes Zink.*
  "From Planar via Outerplanar to Outerpath – Engineering NP-hardness Constructions"

- *Robert Ganian, Martin Nöllenburg, and Sebastian Röder.*
  "Minimizing Switches in Cased Graph Drawings"

- *Markus Chimani, Lea Kröger, Juliane Liedtke, Jonah Mevert, Maor Shani, and Maarten van Zalk.*
  "Graph-Drawing Supported Identification of Influential Students at Schools"

- *Martin Nöllenburg, Sebastian Röder, and Markus Wallinger.*
  "gdMetriX – A networkX Extension for Graph Drawing Metrics"

- *Nikolaus-Mathias Herl and Velitchko Filipov.*
  "AdMaTilE: Visualizing Event-based Adjacency Matrices in a Multiple-Coordinated-Views System"

- *Maarten Löffler.*
  "Strict upward planar grid drawings of binary trees with minimal area"

- *Sören Domrös and Reinhard von Hanxleden.*
  "Determining Sugiyama Topology with Model Order"

- *Seok-Hee Hong, Giuseppe Liotta, Fabrizio Montecchiani, Martin Nöllenburg, and Tommaso Piselli.*
  "Introducing Fairness in Graph Visualization"

- *Simon D. Fink, Matthias Pfretzschner, Ignaz Rutter, and Peter Stumpf.*
  "Level Planarity Is More Difficult Than We Thought"

- *Jakob Baumann, Ignaz Rutter, and Dirk Sudholt.*
  "Evolutionary Algorithms for One-Sided Bipartite Crossing Minimisation"

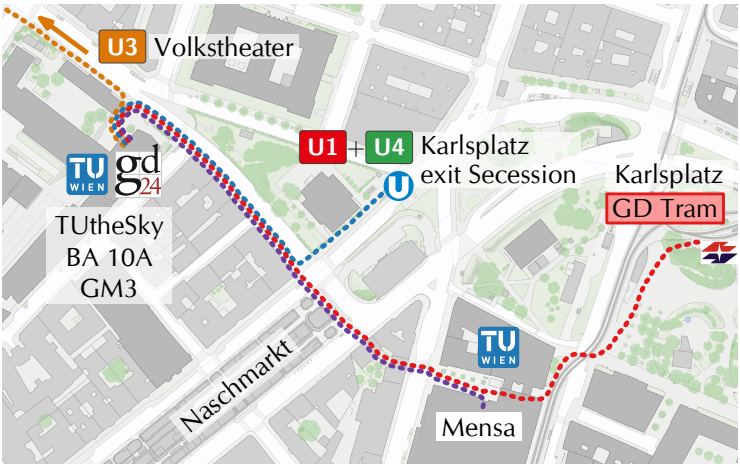
- *Alvin Chiu, Ahmed Eldawy, and Michael T. Goodrich.*
  "Polygonally Anchored Graph Drawing"

- *Stephane Durocher, Myroslav Kryven, and Maarten Löffler.*
  "String graph with cop number 4"
- *Oriol Solé Pi.*
  "Approximating the crossing number of dense graphs"

Software Exhibition

- *Evmorfia Argyriou and Benjamin Niedermann.*
  "yFiles – From Data to Meaningful Visualizations"
- *Maximilian Kasperowski, Sören Domrös, and Reinhard von Hanxleden.*
  "The Eclipse Layout Kernel"
- *Stefan P. Feyer, Wilhelm Kerle-Malcharek, Ying Zhang, Falk Schreiber, and Karsten Klein.*
  "Immersive Analytics of Graphs in Virtual Reality with GAV-VR"
- *Julius Deynet, Tim Hegemann, Sebastian Kempf, and Alexander Wolff.*
  "Graph Harvester"
- *Garima Jindal and Kamalakar Karlapalem.*
  "CentralityViz: Comprehending Node-Centrality in Large Networks"
- *Arber Ceni and Harald Meier.*
  "NodeXL – A few clicks to network insights"
- *Andreas Benno Kollegger, Alexander Erdl, and Michael Hunger.*
  "Knowledge Graph Builder – Constructing a graph from arbitrary text using an LLM"

Locations



Main Venue (Building BA, Getreidemarkt 9, 1060 Vienna)

- **TUtheSky** (11th floor): reception, talks, posters, coffee breaks
- **Room BA 10A** (10th floor): working and discussion room, software exhibition
- **Lecture Hall GM3** (2nd floor): PhD School, GD Live Challenge

Mensa (Campus Freihaus, Wiedner Hauptstraße 8–10, 1040 Vienna)

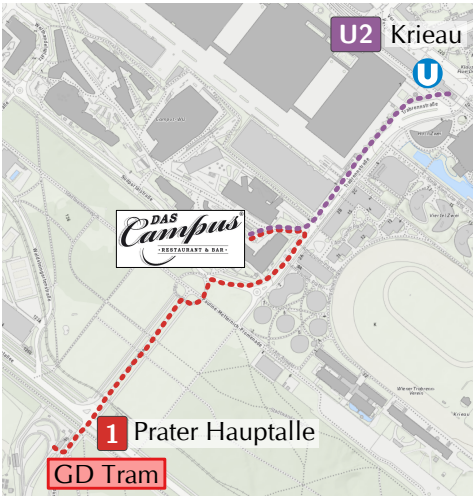
We have lunch in the mensa of TU Wien, which is just a 5-minute walk from the main venue. The mensa is on the 1st floor of the tall 1970s *Freihaus* building complex, right next to the university library.

→ see Page 21 for the daily lunch options

Tram Stop Karlsplatz

An exclusive GD 2024 tram brings us from the tram stop *Karlsplatz* to the location of the social dinner in Vienna's famous *Prater* park.

→ see *Social Events* on Page 20 for more information



Restaurant *Das Campus*
(Welthandelsplatz 1/Trabrennstraße, 1020 Vienna)

The social dinner takes place at restaurant *Das Campus* on the campus of the Vienna University of Economics and Business, right in the heart of Prater.

Directions: To get there, either take the GD 2024 Tram (our recommendation), or travel on your own to subway stop *Krieau* of line U2 or to tram stop *Prater Hauptallee* of line 1. The restaurant is just a 5–10 minutes walk away as indicated in the map.
To get back to the city center after dinner, line U2 will run every 5–10 minutes until midnight and tram 1 will run every 10–15 minutes until midnight.

→ see *Social Events* on Page 20 for more information

Practical Information

Dining Out and Tipping

some restaurant options

Vienna offers an abundance of restaurants of all price ranges and both Austrian and international cuisines. In almost all places you can pay by card, but be aware that some smaller, traditional restaurants or snack stands might only accept cash. Splitting the bill, even of larger parties, is common—just tell your waiter. Service is included in the price, yet a tip of 5–10% of the total amount is expected. Tipping is done by telling the waiter the total, rounded amount you wish to pay, e.g., for a bill of 18,50€ you might say 20€.

Drinking Water

Tap water in Vienna is of very high quality and is transported to the city via aqueducts from alpine mountain springs more than 100km away. There is no need to buy bottled water, just use the water bottle provided in your goodie bag and re-fill it in your hotel room, the conference venue, or one of the many public fountains (labeled "Trinkwasser") found throughout the city.

Emergencies

The international emergency phone number is **112** and can be called for free from any phone. Pharmacies operate a 24-hour emergency service outside regular opening hours. Visit `www.nachtapotheke.wien` to find the one nearest to you.

Face Masks

Free FFP2 face masks are available at the registration desk.

Public Transport

The local transport operator "Wiener Linien" offers subway (U-Bahn), tram, and bus services. Regular operating hours are from 5am to approximately midnight; outside these hours there is a network of night buses. On Friday and Saturday nights, subways run every 15 minutes during the whole night. Tickets need to be purchased in advance and must be validated before entering. The most convenient option for the whole GD week is the "7 Day Vienna" ticket. We recommend installing the "WienMobil" app on your phone, which allows you to do route planning and to buy electronic tickets.

Shopping

General opening hours of shops in Vienna are 8:00 – 20:00 from Monday to Friday and 8:00 – 18:00 on Saturdays. Almost all shops are closed on Sundays, except for souvenir shops, bakeries, and some selected grocery shops at train stations or at the airport.

Taxi/Uber

You can call a taxi using the phone numbers below, find one waiting at a taxi stand, or use the Uber app.

- +43 1 31300
- +43 1 40100

WiFi

On campus you can connect to **eduroam** using your home institution's eduroam credentials. Alternatively, get an access voucher at our registration desk with credentials that let you connect to SSIDs **tunet** or **tunetguest**.

Committees

Program Committee

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- David Auber, University of Bordeaux
- Benjamin Bach, University of Edinburgh
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- Tamara Mchedlidze, Utrecht University

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- Martin Nöllenburg, TU Wien
- Ioannis G. Tollis, University of Crete

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- Thomas Depian, TU Wien
- Alexander Dobler, TU Wien
- Simon D. Fink, TU Wien
- Robert Ganian, TU Wien **(co-chair)**
- Martin Nöllenburg, TU Wien **(co-chair)**
- Hsiang-Yun Wu, St. Pölten University of Applied Sciences

Organizer Contact

- Email: `gd2024@ac.tuwien.ac.at`
- Emergency phone: +420 608 566012 (Robert Ganian)
  +43 1 58801 192120 (Martin Nöllenburg)

Social Events

Welcome Reception

When Tuesday, 17.09.2024, 19:00 – 21:00

Where Main conference venue (TU Wien Building BA, TUtheSky, 11th floor, Getreidemarkt 9, 1060 Vienna) → see Page 14

GD 2024 Tram Ride

When Thursday, 19.09.2024, 18:15 – 19:00

Where Tram stop *Karlsplatz*, close to the Mensa → see Page 14

What An exclusive GD 2024 tram brings us to the location of the social dinner in the famous Viennese park *Prater*. The half-hour tram ride passes along the Ringstraße boulevard featuring many historic buildings including the Opera, Hofburg, Parliament, City Hall and the main building of University of Vienna. The meeting time is 18:15 and we will depart at 18:30 the latest.

Social Dinner

When Thursday, 19.09.2024, 19:00 – 23:00

Where *Das Campus*, Welthandelsplatz 1/Trabrennstraße, 1020 Vienna → see Page 15

Getting there Either join our GD 2024 Tram Ride (recommended) or follow the directions on Page 15.

Mensa Lunch Options

Conference lunches take place at the Mensa "Freihaus" of TU Wien (see Page 14). Below you find the (tentative) daily options. In addition, there is a salad bar and a buffet of side dishes. With your lunch voucher you can choose one of the meals below and a drink (or a set of food and drinks worth up to 10€).

Wednesday, 18.09.2024

- Sweet potato vegetable curry with basmati rice, soup of the day (VEGAN)
- Goulash with potatoes and Frankfurt sausage (turkey), soup of the day
- Veggie burger with fries (VEGAN) *or* Country burger with fries

Thursday, 19.09.2024

- Fussili with broccoli sauce and almonds, soup of the day (VEGAN)
- Austrian filled meat dumplings (*Grammelknödel*, pork) with cole slaw and gravy, soup of the day
- Tom Ka Gai (Thai soup) with tofu (VEGETARISCH) *or* Tom Ka Gai with chicken

Friday, 20.09.2024

- Potato fritter with cress dip and zucchini cubes, soup of the day (VEGETARISCH / VEGAN)
- Pasta with meat sauce (*Hascheehörnchen*, beef), soup of the day
- Fried Alsaka pollock with sauce tartar and sides from the buffet (MSC)

Electronic Information

For up-to-date information about GD 2024 visit the main webpage and check out our online collection of useful links.

`https://graphdrawing.github.io/gd2024/`

`https://graphdrawing.github.io/gd2024/pages/links`

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