

CG Week 2020 Workshops

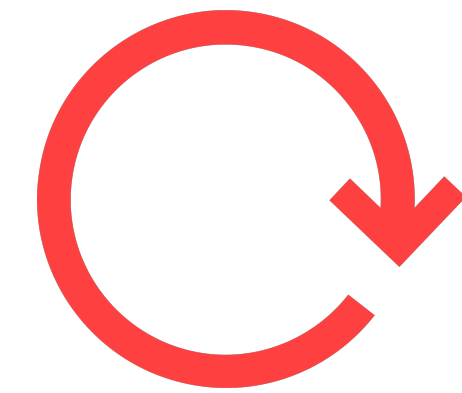
- Anne Driemel (University of Bonn)
- Elizabeth Munch (Michigan State University)
- **Jeff M Phillips [chair] (University of Utah)**
- Rodrigo Silveira (Universitat Politècnica de Catalunya)
- Jack Snoeyink (University of North Carolina - Chapel Hill)

Timeline

- December 16, 2019: Intent-to-submit requested
- January 17, 2020: Workshop proposals due
- January 31, 2020: Notification of acceptance
- June 23-26, 2020: CG Week in Zürich

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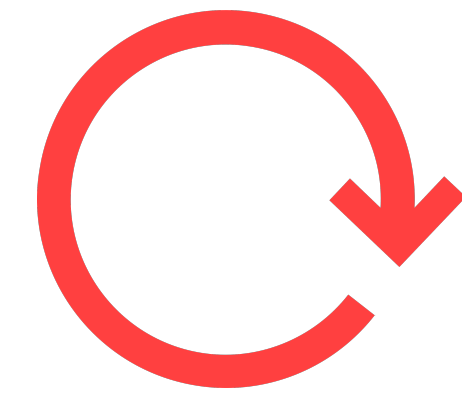
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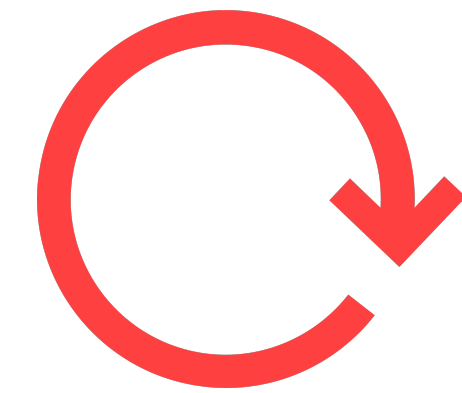
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Changes

- Every workshop may apply to the CG Workshop chair (with final approval granted by local organizers), for one 1-day registration to be waived, provided they make a convincing argument that this benefit is essential to enable the corresponding person to attend. For example, this could be used to invite a local person who is not primarily in computational geometry or topology, and hence is unlikely to attend the rest of the conference.

Initially 4 Workshops

- **Computational Aspects of Learning and Processing Metrical Data**
(Anastasios Sidiropoulos)
- **The 5th Workshop on Geometry and Machine Learning**
(Chao Chen, Jinhui Xu)
- **2nd International Workshop on Uncertainty in Computational Geometry**
(Ben Raichel, Maarten Loffler)
- **9th Annual Minisymposium on Computational Topology**
(Ulrich Bauer, Arnaud de Mesmay, Uli Wagner)

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Computational Aspects of Learning and Processing Metrical Data

Friday @ 16:30 - 20:40 (UTC+2)

16:30-17:10	Metric Learning: Overview and New Directions Brian Kulis
17:10-18:35	Scalable Nearest Neighbor Search for Optimal Transport Ilya Razenshteyn
18:35-19:00	Recovering metric structure behind perturbed networks Yusu Wang
19:00-19:25	Controlling the space projection in Mahalanobis distance learning with respect to specific instances Amaury Habrard
19:25-19:50	Optimal terminal dimensionality reduction in Euclidean space Jelani Nelson
19:50-20:15	Generalized Metric Repair Ben Raichel
20:15-20:40	On metric embeddings, shortest path decompositions and face cover of planar graphs Arnold Filtser