Call for Papers

The 8th Workshop on Computational Topology in Image Context (CTIC) will be held in Retz, Austria between May 27 - May 29, 2020. CTIC 2020 is devoted to theoretical and computational aspect for the topological analysis of the images. The involved research field comprise of computational and discrete topology, geometric modeling, algebraic topology, compression analysis, recognition, visualization of nD digital images.

Topics

- Topological invariants and their representation for digital images
- nD Segmentation under topological constraints
- Topological recognition
- Topological methods for visualization
- Application of computational topology

Hierarchical approaches
- Parallel processing and topological optimization in nD
- Experimental evaluation
- Topological features and learning

Key Dates

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<tr>
<td>Jan 12, 2020</td>
<td>Paper submission</td>
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<td>Feb 23, 2020</td>
<td>Notification of acceptance</td>
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<td>Mar 08, 2020</td>
<td>Camera ready paper</td>
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<td>May 27-29, 2020</td>
<td>Conference dates</td>
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Proceedings

The proceedings with accepted full papers will be published in the Springer’s LNCS series. The authors of accepted talks are invited to submit extended versions of their work to the special issue of the journal Pattern Recognition Letters.

General Chair
Walter Kropatsch
Darshan Batavia
TU Wien, Austria

Program Chair
Herbert Edelsbrunner
IST, Austria

https://www.prip.tuwien.ac.at/ctic2020  ctic2020@prip.tuwien.ac.at