EGPGV 2020

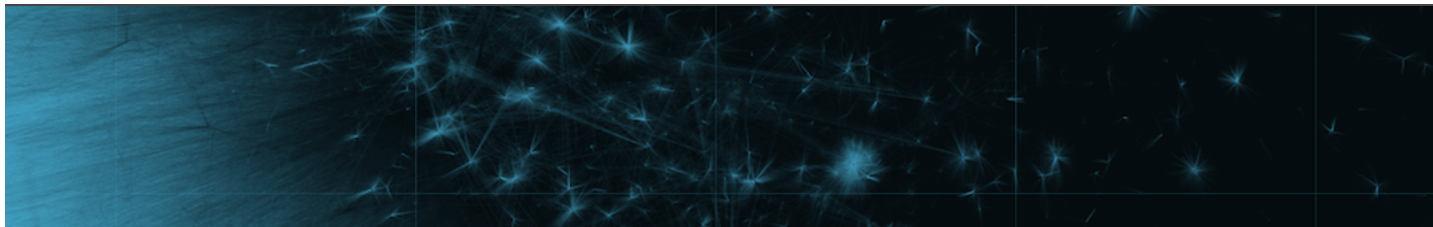*EuroGraphics Symposium on Parallel Graphics and Visualization - Norrköping, Sweden*

Home   Program   Accommodation   **Call for Papers**   Committees   Submission   FAQ on Early Submission

Important Notice

Due to the Covid-19 outbreak, EGPGV 2020 will now be an online event.

Important Dates

Early Abstract Deadline
Oct 11, 2019

Early Paper Deadline
Nov 1, 2019

Notification
Dec 17, 2019

Abstract Deadline
Feb 28, 2020

Paper Deadline
Mar 08, 2020

Notification
Apr 14, 2020

Camera-Ready Version
Apr 21, 2020

Full Day Symposium
May 25, 2020

(All deadline times are in AOE)

Contact

For questions, please contact the program chairs.

Call for Papers

The Eurographics Symposium on Parallel Graphics and Visualization (EGPGV) aims to foster the exchan[...] experiences and knowledge on exploiting and defining new trends in parallel graphics and visualization. T[...] of growing importance due to the rapidly increasing availability of multi-core CPUs, GPUs, and cluster sys[...] Computationally demanding and data-intensive applications in graphics and visualization are strongly affe[...] trend and require novel, efficient parallel solutions.

EGPGV has two submission deadlines: early submission in fall and regular submission in spring. This offe[...] the flexibility to choose between two separate submission deadlines. The early submission deadline provi[...] opportunity of improving manuscripts and resubmitting them to the spring deadline in case they are not su[...] the fall review phase, resembling a major revision review process. An FAQ about the early submission pro[...] be found here. Please notice also that this year there are abstract deadlines one week in advance to the [...] deadlines.

EGPGV 2020 will be collocated with Eurographics and EuroVis 2020, held May 25-29, 2020, in Norrköpin[...] The proceedings of EGPGV will be published in the Eurographics Proceedings Series and in the Eurogra[...] Library. Best papers from the EGPGV symposium will be invited to submit an extended journal version to [...] Transactions on Visualization and Computer Graphics.

EGPGV seeks papers on graphics and visualization that involve any type of parallel computing, and/or fo[...] large data sets. Papers on techniques, data structures, algorithms, systems, and applications are welcom[...] computing is broadly defined, including high-performance computing and cloud environments, (multi-)GP[...] and heterogeneous, hybrid architectures, and shared and/or distributed memory architectures. Further, pa[...] focused on processing very large data sets (either for visualization or graphics) are welcomed, even if the[...] have a particular focus on parallelism.

Typical symposium topics include:

- Computationally and data intensive rendering
- Scientific visualization (e.g., volume rendering, flow, and tensor visualization)
- Information visualization and visual analytics
- In situ analytics and in situ visualization
- Out-of-core processing of large data sets for visualization or graphics
- Simulations for virtual environments (physics-based animation, collision detection, acoustics)
- Mesh processing, level-of-detail, and geometric methods
- Visual computing (image- and video-based rendering, image processing and exploitation, segmentatio[...]
- Scheduling, memory management, and data coherence
- Parallelization approaches and algorithms, such as MapReduce
- Database-related methods, algorithms or approaches, and query-based visualization

- Advanced hardware for data handling or visualization
- Large and high resolution displays, virtual environments
- Scientific, engineering, and industrial applications
- Data analytics on large scientific data sets
- Machine learning as applied to parallel graphics, visualization, and/or large data analytics

In general, appropriate topics for the symposium fall into one of four categories:

1. Parallel graphics
2. Rendering of very large data sets
3. Parallel visualization and analytics
4. Processing of large data sets for visualization or analytics

EGPGV again calls for Full Papers (8 to 10 pages) and Short Papers (up to 4 pages) in Eurographics form

For additional information, feel free to contact us via papers@egpgv.org.