

Call for Papers

General Chair

Gernot A. Fink
TU Dortmund University
Dortmund, Germany

Program Chairs

Simone Frinrop
University of Hamburg
Hamburg, Germany

Xiaoyi Jiang
University of Münster
Münster, Germany

Local Organization Chair

Stefan Dissmann

Keynote Speakers

Marc Pollefeys
ETH Zurich

Laurens van der Maaten
Facebook AI Research

Bram van Ginneken
Radboud University Medical Center

Important dates 2019:

Paper submission: **May 19**
Author notification: **July 15**
Final manuscript due: **July 31**

The German Conference on Pattern Recognition (GCPR) 2019 is the 41th annual symposium of the German Association for Pattern Recognition (DAGM, www.dagm.de). The GCPR addresses recent advances in theory, methodology, and applications of pattern recognition, machine learning, and computer vision. Authors are invited to submit high-quality papers presenting original research. Submitted papers will be reviewed based on the criteria of originality, soundness, empirical evaluation, and presentation. In the long tradition of this conference series, the single track program with oral and poster sessions will provide ample opportunity for open-minded discussions and interaction. The conference will also include tutorials and a Young Researchers Forum.

Scope

- Image/video processing, analysis, and computer vision
- Biometrics
- Mathematical foundations, statistical data analysis and models
- Computational photography and confluence of vision and graphics
- Biomedical image processing and analysis
- Machine learning and pattern recognition
- Document analysis and recognition
- Applications

Special Tracks

- Computer vision systems and applications *Chairs: Bodo Rosenhahn, Carsten Steger*
- Pattern recognition in the life- and natural sciences *Chairs: Joachim Denzler, Xiaoyi Jiang*
- Photogrammetry and remote sensing *Chairs: Helmut Mayer, Uwe Sörgerl*
- Robot Vision *Chairs: Jörg Stückler, Markus Vincze*

Tutorials

- Automated Machine Learning: An introduction to Hyperparameter Optimization and Neural Architecture Search: *Matthias Feurer, Thomas Elsken*
- Vision for Robotics: *Tim Patten, Cesar Cadena*

Submission / Proceedings:

The paper length is limited to 12 pages (LNCS style) plus references (up to 2 pages). In addition, supplementary materials can be submitted. All manuscripts will be subject to a double-blind review process. The conference proceedings will be published in the Springer LNCS series. The best contributions will receive GCPR awards.

IJCV Special Issue

From all GCPR 2018 submissions the best papers will be invited to contribute to a special issue of the International Journal of Computer Vision (IJCV).

Photo: Olaf Heil, Dortmund