GCPR-VMV

Munich, September 10-13, 2024

TUM

CALL FOR PAPERS: INTERNATIONAL SYMPOSIUM ON VISION, MODELING, AND VISUALIZATION (VMV 2024)

Conference Dates: September 10-13 (main conference)
Location: TUM Campus Garching, Boltzmannstrasse 3
Website: https://www.gcpr-vmv.de/year/2024

GCPR-VMV 2024

is Germany's leading forum for advances in computer vision, machine learning, computer graphics, modeling, and visualization research. It combines two conferences: The German Conference on Pattern Recognition (GCPR) and the International Symposium on Vision, Modeling, and Visualization (VMV). Besides the research, the forum has a tradition to be a networking event of Germany-based researchers, with typically over 200 participants including many world-leading experts. The conference main program (Tuesday to Friday) includes several keynote speakers, as well as invited talks by leading researchers from academy and industry. The social program includes a reception and a conference dinner. On the day prior to the main conference (Tuesday) we organize a workshop and a tutorial. TU Munich hosts the 46th edition of GCPR and 29th edition of VMV.

VMV 2024

The International Symposium on Vision, Modeling, and Visualization (VMV) is well-established as Germany's premier scientific meeting that covers the full spectrum of visual computing. VMV offers researchers the opportunity to discuss a wide range of different topics within an open, international, and interdisciplinary environment.

As in previous years, the proceedings will be published in cooperation with Eurographics and archived in the EG digital library. Authors are encouraged to submit their original research results, practice and experience reports, or novel applications.

VMV submissions are handled through the SRM submission website:
https://srmv2.eg.org/COMFy/Conference/VMV_2024

DAGM
Deutsche Arbeitsgemeinschaft
für Mustererkennung e.V.

GESELLSCHAFT FÜR INFORMATIK

GI FACHBEREICH GDV

Topics of interest include, but are not limited to, the following:

- Modelling
    - 3D Printing
    - Animation, Simulation, and GPGPU
    - Geometric Modeling

- Rendering
    - Color, Illumination, and Reflectance Modeling
    - Material Appearance
    - Realistic and Non-Photorealistic Rendering
    - Offline and Real-time Rendering

- Visualization and Interactive Interfaces
    - Information Visualization
    - Scientific Visualization
    - Visual Analytics and Interactive Data Science
    - Visual Interfaces

- Computer Vision and Image Processing
    - 3D Acquisition, Motion Capture, and Tracking
    - Computational Photography, Sensors, and Sensor Fusion
    - Image-based Modeling and Rendering
    - Object and Pattern Recognition

- Applications of/for Visual Computing
    - Biology and Medicine
    - Games and Film
    - Evaluation and Perception
    - Physics and Engineering
    - Virtual, Mixed, and Augmented Reality

Contributors are invited to submit papers of up to 8 pages in the EG publication style. Longer papers are expected to make additional contributions. The review process will be double-blind. Accepted papers have to be presented at the symposium.

Please see the submission instructions (https://www.gcpr-vmv.de/year/2024/vmv/submission) and author guidelines (https://srmv2.eg.org/COMFy/Conference/VMV_2024/Instruction) for further details.

NECTAR TRACK & RESEARCH SPOTLIGHT

The **Nectar Track** presents an opportunity to contribute to the program of GCPR-VMV by presenting a paper that has already been published at a major international conference (or in a journal) in the areas of computer vision, machine learning, visualization, or computer graphics. The Nectar Track generates additional exposure of your work and creates a platform for networking with colleagues within and outside the GCPR-VMV community.

The **Research Spotlights** Track is a shining opportunity for postdocs and senior PhDs aspiring for an academic career to showcase their research journey. It invites scholars to present concise yet comprehensive summaries of their lines of research as a chance to illuminate your work, share insights, and engage with fellow academics in the vibrant GCPR-VMV environment.

You can apply to these tracks online following https://forms.gle/9NaV1zRDH8gLvUEaA

DATES

The dates for all submissions are as follows (deadlines will not be extended). Deadlines are at 23:59:59 CEST of the respective date.

VMV Papers	
Paper Registration Deadline:	~~June 10, 2024~~ **June 15, 2024**
Paper Submission Deadline:	~~June 14, 2024~~ **June 19, 2024**
Decisions to Authors:	July 16, 2024
Camera Ready Deadline:	August 21, 2024
GCPR-VMV Nectar Track & Research Spotlights	
Proposal Submission Deadline:	July 31, 2024
Notification of acceptance:	August 9, 2024

CONTACT & ADDITIONAL INFORMATION

Please see the conference web page for contact information of the organizers and more details about the submission process and format.

Web: https://www.gcpr-vmv.de/year/2024
Email: gcpr-vmv-2024@tum.de

General Chairs: Daniel Cremers (TUM) and Matthias Nießner (TUM)
Program Chairs: Lars Linsen (University of Münster) and Justus Thies (TU Darmstadt)