

7TH IEEE SEASONAL SCHOOL ON

DPVSA

DIGITAL PROCESSING OF VISUAL
SIGNALS AND APPLICATIONS

October 6 - 8, 2025

Pelotas, Rio Grande do Sul - Brazil

Universidade Federal de Pelotas

Instituto Federal do Rio Grande do Sul



CALL FOR POSTERS

The IEEE CASS/SPS Seasonal School on Digital Processing of Visual Signals and Applications (DPVSA) is an event that provides an ambiance for fruitful exchange of ideas and discussion of challenges of this area in the near future, bringing together experts from both academia and industry. A poster session will be held during the event. Graduate and undergraduate students are invited to showcase their research on Image and Video Processing and Applications, including (but not limited to) the topics covered by the Seasonal School.

IMAGE AND VIDEO PROCESSING

- Image acquisition and processing
- Segmentation and features extraction
- Simultaneous localization and mapping
- 3D object detection
- Image and video compression and coding
- Algorithms and architectures for video processing

APPLICATIONS

- Medical imaging and telemedicine
- Advanced driver assistance systems
- Robotics and Autonomous Guided Vehicles
- Image Processing for Unmanned Aerial Vehicles
- Agriculture and Agro-based industry
- Process and Environmental Monitoring

IMPORTANT DATES

Submission deadline: August 15th, 2025 (11:59 PM Brazilian Time)

Notification of acceptance: September 15th, 2025

GUIDELINES FOR SUBMISSION

Authors must submit an A0-sized (84.1 cm wide x 118.9 cm height) copy of the proposed poster for the review process, along with a 200-word abstract, using the link provided in the official website: <https://wp.ufpel.edu.br/dpvsa2025/>

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