

Call for papers QCAV2025

17th International Conference on
Quality Control by Artificial Vision
June 4-6, 2025 Yamanashi, Japan
<http://www.tc-iaip.org/qcav/2025>



Quality Control by Artificial Vision is undergoing rapid evolution, thanks to recent progress in the fields of artificial intelligence, 2-D and 3-D vision sensors, image processing and non-conventional optics. The objective of the QCAV2025 conference is to provide a forum for researchers, engineers, suppliers and users working in the artificial vision fields. The future of this fields will be promising and the conference QCAV 2025 will be the best place to share our knowledge and talk about recent advances of machine vision. The proceedings of the conference will be published by SPIE Digital Library.

Topics

Papers describing novel theoretical, experimental, and applied work in image processing and computer vision for quality control are welcomed. Papers are solicited from, but not limited to, the following categories:

- Artificial intelligence, machine learning or deep learning applied to quality control
- Image acquisition, vision sensors, machine vision, 3D machine vision (stereovision, laser triangulation, multi-cameras, time of flight, etc.)
- Vision and robotics, vision for autonomous vehicles, automatic guided vehicles, unmanned ground and aerial vehicle
- Non-destructive testing and metrology, process automation, characterization and control
- Low-level vision and image processing, hardware and real-time processing, parallel processing
- Non-conventional imaging (holography, polarimetric imaging, and plenoptic imaging, ...), X-ray, ultrasound, terahertz and other imaging modalities
- Human Analysis and Human Computer Interaction
- XR(VR,MR,AR)
- Video Understanding, Spatio-temporal Image Processing

Important dates

Abstract submission deadline (2 pages): 7 October 2024
Acceptance notification: 23 November 2024
Full paper submission deadline (4 to 8 pages): 31 March 2025
Full paper review feedback: 30 April - 15 May 2025
Conference: 4 - 6 June 2025
Final paper submission in proceedings: 12 July 2025

Submission Guidelines and Proceedings

Authors will submit their abstracts/manuscripts via the QCAV'2025 website. The proceedings of the conference will be published by SPIE Digital Library.

History of Past Conferences

2023: France (Albi), 2021: Japan (Tokushima), 2019: France (Mulhouse), 2017: Japan(Tokyo), 2015: France (Le Creusot), 2013: Japan (Fukuoka), 2011: France (Saint Etienne), 2009: Austria (Wels), 2007: France (Le Creusot), 2005: Japan, (Nagoya), 2003: USA (Gatlinburg), 2001: France (Le Creusot), 1999: Canada (Trois-Rivières), 1998: Japan (Kagawa), 1993-95-97: France (Le Creusot)

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