



QCAV'2023

Quality Control By Artificial Vision

June 6-8, 2023
Albi, France



Call for papers

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 **nonconventional optics**. For several years, the combination of new acquisition methods combined with smart image processing algorithms, allowed the **Quality Control by Artificial Vision** to emerge as a complete scientific domain. Its future will be promising and the conference QCAV'2023 will be the best place to share our knowledge and talk about recent advances in machine vision.

Topics

All papers describing novel theoretical, experimental, and applied work in image processing and computer vision for industrial applications are welcome.

Papers in the following categories are solicited:

- 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 vehicles
- 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 others imaging modalities

Key Dates



Abstract Submission Deadline (2 pages)
7 October 2022



Acceptance notification
16 December 2022



Full Paper Submission Deadline (8 pages)
31 March 2023



Conference at IMT Mines Albi
6-8 June 2023

Submission Guidelines and Proceedings

Authors will submit their abstracts/manuscripts via the QCAV'2023 website. The proceedings of the conference will be published by SPIE Digital Library.

History of Post Conferences

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)



General Chair

Jean-José Orteu, France
Kenji Terada, Japan

Program Chair

Philippe Bolon, France
Fabrice Mériaudeau, France
Olivier Aubreton, France

Publication Chair

Igor Jovancevic, Montenegro

Steering Committee

Olivier Aubreton, France
Philippe Bolon, France
Christophe Cudel, France
Yann Gavet, France
Hiroyasu Koshimizu, Japan
Fabrice Mériaudeau, France
Hajime Nagahara, Japan
Minori Noguchi, Japan
Fathallah Nouboud, Canada
Danielle Nuzillard, France
Vincent Paquit, USA
Yvain Quéau, France
Rin-ichiro Taniguchi, Japan
Kazunori Umeda, Japan

Organizing Committee

Hamdi Ben Abdallah, France
Christel Cabieces, France
Rémi Gilblas, France
Igor Jovancevic, Montenegro
Catherine Maffre, France
Morgane Maury, France
Jean-José Orteu, France

Technical Committee

Kimiya Aoki, Japan
Hiroomi Aoki, Japan
Hisashi Aomori, Japan
Olivier Aubreton, France
Laurent Autrique, France
Stéphane Bazeille, France
Sylvie Chambon, France
Christophe Cudel, France
Johan Debayle, France
Hilda Deborah, Norway
Koichiro Enomoto, Japan
Manuel Flury, France

David Fofi, France

Takayuki Fujiwara, Japan
Hironobu Fukai, Japan

Yann Gavet, France

Mitsuhiro Hayase, Japan

Masaki Hayashi, Japan

Jun-ichiro Hayashi, Japan

Ariane Herbulot, France

Makoto Hirose, Japan

Igor Jovancevic, Montenegro

Naoshi Kaneko, Japan

Ryosuke Kawanishi, Japan

Yoshinori Kobayashi, Japan

Sophie Kohler, France

Pierre-Jean Lapray, France

Denis Laurendeau, Canada

Ludovic Macaire, France

Franck Marzani, France

Fabrice Mériaudeau, France

Eiichiro Momma, Japan

Romuald Mosqueron,

Switzerland

Kurt Niel, Austria

Danielle Nuzillard, France

Kozo Ohtani, Japan

Vincent Paquit, USA

Yvain Quéau, France

Yann Quinsat, France

Takeshi Saitoh, Japan

Jyunya Sato, Japan

Thierry Sentenac, France

Hidenori Takauji, Japan

Kenji Terabayashi, Japan

Alain Trémeau, France

Sylvie Treuillet, France

Steve Vanlanduit, Belgium

Nicolas Verrier, France

Hiromi Watanabe, Japan

Daniel Maestro Watson, Spain

Jonathan Weber, France

Tomoyuki Yamaguchi, Japan

Osamu Yamaguchi, Japan

Atsushi Yamashita, Japan

Yuichiro Yoshimura, Japan



<https://qcav2023.sciencesconf.org/>