



QCAV'09

9th International Conference on Quality Control by Artificial Vision



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Hongbin ZHA
Center for Information Science, Beijing University, China



Wels, Austria, May 27-29, 2009

<http://www.qcav.org>



Scope: The objective of the QCAV'09 conference is to provide a forum for researchers, industry, and users of vision systems to present and discuss the state-of-the-art in machine vision and image processing techniques, with an emphasis on industrial applications for quality control of manufacturing products. The presentations will include contributed papers, poster sessions and invited speakers for state-of-the-art talks in specialized subjects related to the conference topics. Papers describing original work concerning the theoretical and experimental aspects of image processing are invited. The Scientific Committee invites authors to submit original unpublished paper abstracts which present industrial quality control applications.

THE PROCEEDINGS VOLUME WILL BE PUBLISHED BY SPIE.

A SELECTION OF THE BEST PAPERS WILL BE PUBLISHED IN A SPECIAL ISSUE OF THE JOURNAL OF ELECTRONIC IMAGING (CO-EDITED BY SPIE AND IS&T).

Topics & methods: Papers are invited that describe novel theoretical, experimental, and applied work in image processing and computer vision for industrial quality control through improved metrology, inspection, and process characterization. Papers are solicited from, but not limited to, the following categories:

- Vision Sensor Development and Integration
- Optical, Electron, X-ray, Ultrasound and other Imaging Modalities
- Non-destructive Testing and Metrology
- Image Processing, Transforms, Segmentation and Pattern Recognition
- Image Data Management, Analysis and Interpretation
- Process Automation, Characterization and Control
- Remote Diagnostics.

There are many industries that are benefiting from artificial vision today. Papers are particularly encouraged from, but not limited to, the following industries:

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| Agriculture | Metal Casting |
| Aluminium | Mining |
| Biomedical | Petroleum |
| Chemical | Pharmaceuticals |
| Food | Semiconductors |
| Forest Products | Steel |
| Glass | Textile. |

SCHEDULE

Conference dates	May 27-29, 2009
Wednesday, May 27, 2009	
Registration	9am – 10am
Welcome	10am – 10:30am
Sessions	10:30am – 5:50pm
Thursday, May 28, 2009	
Sessions	9am – 1pm
Afternoon event Salzkammergut	1pm – 7pm
Mayor Reception	8pm – open end
Friday, May 29, 2009	
Sessions	9am – 3pm
End of Conference	3pm