

# INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION

2nd Workshop on Computer Vision for Analysis of  
Underwater Imagery Cancun, Mexico



## CALL FOR PAPERS

Workshop on Computer Vision for Analysis of Underwater Imagery (CVAUI)

<http://cvaui2016.oceannetworks.ca>

In conjunction with the IEEE International Conference on Pattern Recognition (ICPR)

[www.icpr2016.org](http://www.icpr2016.org)

Cancun, Mexico, 4 December 2016

The analysis of underwater imagery imposes a series of unique challenges, which need to be tackled by the computer vision community in collaboration with biologists and ocean scientists. We invite submissions from all areas of computer vision and image analysis relevant for, or applied to, underwater image analysis.

Topics of interest include, but are not limited to:

- underwater image enhancement
- physical models of reflectance and light transport
- underwater scene understanding
- classification, detection, segmentation
- autonomous underwater navigation
- detection and monitoring of marine life
- object tracking
- automatic video annotation and summarization
- context-aware machine learning and image understanding

### Important dates:

- Submission deadline: ~~15 September 2016~~
- **Extended submission deadline: 1 October 2016**
- Author notification: 21 October 2016
- Camera ready: 15 November 2016
- Workshop day: 4 December 2016

### Workshop Organizers:

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