

INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION

3rd Workshop on Computer Vision for Analysis of Underwater Imagery

Beijing, China



CALL FOR PAPERS

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

<http://cvaui2018.oceannetworks.ca>

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

<http://www.icpr2018.org/>

Beijing, China, 20 August 2018

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:

- **Extended** submission deadline: 1 June 2018
- Author notification: 1 July 2018
- Camera ready: 20 July 2018
- Workshop day: 20 August 2018

Workshop Organizers:

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