

# CALL FOR PAPERS

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## Computer Vision in Vehicle Technology:

Assisted Driving, Exploration Rovers, Aerial and Underwater Vehicles  
In conjunction with CVPR 2017, Honolulu, Hawaii

### CALL FOR PAPERS

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The 8<sup>th</sup> international *Workshop on Computer Vision in Vehicle Technology* aims to get together researchers in computer vision to promote discussion and debate on its application to assisted driving, exploration rovers, aerial vehicles and underwater vehicles.

We invite the submission of original research contributions in computer vision addressed to:

- Autonomous navigation and exploration
- Vision-based advanced driver assistance systems
- Vision-based underwater and unmanned aerial vehicles
- Visual driver monitoring and driver-vehicle interfaces
- On-board camera calibration
- Performance evaluation of vehicular applications
- Machine learning techniques for vehicle technology
- Vision-based geo-localization
- LiDAR-based techniques for vehicle technology

The workshop will also host invited talks on assisted driving, exploratory rovers, aerial vehicles and underwater vehicles.

### IMPORTANT DATES

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<b>Submission deadline:</b>	18 <sup>th</sup> March 2017
<b>Author notification:</b>	18 <sup>th</sup> April 2017
<b>Camera-ready:</b>	24 <sup>th</sup> April 2017
<b>Workshop:</b>	21 <sup>th</sup> or 26 <sup>th</sup> June 2017

### Chairs

Jose M. Alvarez, *Data61 @ CSIR*  
David Vazquez, *CVC & UAB*  
Tomas Pajdla, *CTU Prague*  
Antonio M. Lopez, *CVC & UAB*  
Gabriel Villalonga, *CVC & UAB*  
Markus Enzweiler, *Daimler R&D*

### Program Committee

Alper Ayvaci, *Honda Research*  
Friedrich Fraundorfer, *TU Graz*  
Uwe Franke, *Daimler R&D*  
David Gerónimo, *Catchoom Tech.*  
Riad Hammoud, *BAE Systems*  
David Held, *Stanford University*  
Atsushi Imiya, *IMIT Chiba U.*  
Michael James, *Toyota Research*  
Will Maddern, *Oxford University*  
Michael Milford, *ACRV & QUT*  
Srikumar Ramalingam, *MERL*  
German Ros, *CVC & UAB*  
Angel Sappa, *CVC*  
Davide Scaramuzza, *U. of Zurich*  
Korbinian Schmid, *DLR*

<http://adas.cvc.uab.es/cvvt2017/>