



Computer Vision in Vehicle Technology: From Earth to Mars

In conjunction with ICCV 2013, Sydney, Australia

CALL FOR PAPERS

The 4th international Workshop on Computer Vision in Vehicle Technology: From Earth to Mars aims to get together researchers in Computer Vision for automotive and unmanned aerial systems, underwater and planetary exploration as well as robotics.

We invite the submission of original research contributions in Computer Vision addressed to:

- Autonomous navigation and exploration based on vision and 3D measurements
- Vision-based advanced driver assistance systems
- Vision-based underwater and unmanned aerial vehicles
- Visual driver monitoring and driver-vehicle interfaces
- On-board calibration of multi-camera acquisition systems (stereo rigs, multimodal, networks)
- Non-verbal and graphical information for long-distance remote exploration
- Performance evaluation in navigation, exploration and driver-assistance
- Machine learning techniques in visual navigation, exploration and driver-assistance

The workshop will also host an invited talk by Tomas Pajdla, from the Czech Technical University, on the outcomes of the Pro-VIDE project on planetary robotics using vision.

IMPORTANT DATES

Submission deadline:	4th 5th September 2013
Author notification:	3rd October 2013
Camera-ready:	11th October 2013
Workshop:	8th December 2013

General Chairs

Atsushi Imiya, *IMIT, Japan*
David Gerónimo, *KTH, Sweden*

Program and Area Chairs

Antonio M. López, *UAB/CVC, Spain*
Theo Gevers, *CVC/UVA, Netherlands*
Urbano Nunes, *UC, Portugal*
Darius M. Gavrilă, *Daimler, Germany*
Steven Beauchemin, *UWO, Canada*

Pro-VIDE Project Chair

Tomas Pajdla, *CVUT, Czech Rep.*

Program Committee (TBC)

H. Ackermann, *Leibniz, Germany*
J.M. Álvarez, *NICTA, Australia*
J.P. Barreto, *U. Coimbra, Portugal*
P. Campoy, *UPM, Spain*
A. de la Escalera, *UC3M, Spain*
A. Elibol, *Yildiz TU, Turkey*
P. Grisleri, *U. Parma/Vislab, Italy*
A. Hernández, *CVC/UAB, Spain*
Y. Kang, *Tokyo PU, Japan*
N. Krüger, *Maersk McKMI, Denmark*
F. Lerasle, *LAAS-CNRS, France*
R. Li, *OSU, USA*
K. Mikolajczyk, *U. Surrey, UK*
H. Murase, *Nagoya U, Japan*
L. Nalpantidis, *Aalborg U, Denmark*
G. Paar, *Joanneum RG, Austria*
O. Pizarro, *U Sydney, Australia*
D. Ponsa, *CVC/UAB, Spain*
R. Rojas, *Free U Berlin, Germany*
B. Rosenhahn, *U Hannover, Germany*
A.D. Sappa, *CVC, Spain*
J. Sato, *Nagoya IT, Japan*
H. Singh, *Wood-hole OI, USA*
R. Triebel, *TUM, Germany*
R. Urtasun, *Toyota TI, USA*
A. Torii, *Tokyo IT, Japan*
T. Vaudrey, *U Auckland, New Zealand*

<http://www.cvc.uab.es/adas/CVVT2013>