

**W17 – 1st Workshop on Brain-Driven
Computer Vision**

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The 1st Workshop on Brain-Driven Computer Vision, held in Munich (Germany) on 8th September 2018, in conjunction with the European Conference on Computer Vision (ECCV 2018), aimed at inspiring the study and development of paradigms, methods and tools for computer vision driven or inspired by the human brain, both as a computational model and a source of data, and to promote the diffusion of new benchmarks and evaluation protocols to support the scientific community in the pursuing of a better understanding of the brain processes underlying human visual perception and comprehension.

The workshop received 16 submissions, each single-blindly peer-reviewed by at least two members of the Program Committee; 10 submissions were accepted for presentation at the workshop. A discussion paper by the workshop organizers, which did not undergo the reviewing process, was also included in the proceedings.

Prof. John K. Tsotsos, from York University (Toronto, Canada), participated as a keynote speaker, giving a talk titled “Visual Attention: Brain Mechanisms and Computational Models”. We would like to thank him for his kind availability.

We also thank the members of the Program Committee:

Antonio Bandera, Malaga University, Spain; Vassilis Belagiannis, Oxford University, UK; Kostas Berberidis, University of Patras, Greece; Kenneth Camilleri, University of Malta, Malta; Silvia Corchs, University of Milano Bicocca, Italy; Konstantinos Derpanis, Ryerson University, Canada; Mariella Dimiccoli, Computer Vision Center, Barcelona, Spain; Francisco Escolano, University of Alicante, Spain; Francesca Gasparini, University of Milano Bicocca, Italy; Georgia Gkioxari, University of California, Berkeley, USA; Daniela Giorgi, CNR, Italy; Sean Holden, University of Cambridge, UK; Leyla Isik, MIT, US; Xiaoyi Jiang, University of Muenster, Germany; Nikos Kolotouros, Penn State University, USA; Sokratis Makrogiannis, Delaware State University, USA; Vassilis Megalooikonomou, University of Patras, Greece; Dimitris Metaxas, Rutgers University, USA; Vittorio Murino, IIT, Italy; Ioannis Patras, Queen Mary, UK; Laurent Perrinet, Aix-Marseille Université, France; Nicolai Petkov, University of Groningen, Netherlands; Panagiotis Petrantonakis, ITI, Greece; Ioannis Rigas, Texas State University, USA; Gemma Roig, MIT, USA; Alessia Sagge, University of Salerno, Italy; Enrique Sanchez-Lozano, University of Nottingham, UK; Mubarak Shah, University of Central Florida, USA; Akihiro Sugimoto, National Institute of Informatics, Japan; Anastasios Tefas,

University of Thessaloniki, Greece; Daniel Thalmann, EPFL, Switzerland;
Andreas Tolia, Baylor College of Medicine, USA; Klaus Tonni, Otto-von-Guericke-
Universitaet Magdeburg, Germany.

September 2018

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