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Computer Vision – ECCV 2016

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[Home](#) > Conference proceedings

Editors: [Bastian Leibe](#), [Jiri Matas](#), [Nicu Sebe](#), [Max Welling](#)

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Sections

[Table of contents](#)

[Other volumes](#)

[About this book](#)

[Keywords](#)

[Editors and Affiliations](#)

[Bibliographic Information](#)

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Table of contents (53 papers)

Search within book



← Previous

Page

1

of 3

Next →

Front Matter

[PDF](#) ↓

Pages I-XXIX

Poster Session 2

Front Matter

[PDF](#) ↓

Pages 1-1

[The Curious Robot: Learning Visual Representations via Physical Interactions](#)

Lerrel Pinto, Dhiraj Gandhi, Yuanfeng Han, Yong-Lae Park,
Abhinav Gupta
Pages 3-18

[Image Co-localization by Mimicking a Good
Detector's Confidence Score Distribution](#)

Yao Li, Lingqiao Liu, Chunhua Shen, Anton van den Hengel
Pages 19-34

[Facilitating and Exploring Planar
Homogeneous Texture for Indoor Scene
Understanding](#)

Shahzor Ahmad, Loong-Fah Cheong
Pages 35-51

[An Empirical Study and Analysis of
Generalized Zero-Shot Learning for Object
Recognition in the Wild](#)

Wei-Lun Chao, Soravit Changpinyo, Boqing Gong, Fei Sha
Pages 52-68

[Modeling Context in Referring Expressions](#)

Licheng Yu, Patrick Poirson, Shan Yang, Alexander C. Berg,
Tamara L. Berg
Pages 69-85

[Taxonomy-Regularized Semantic Deep
Convolutional Neural Networks](#)

Wonjoon Goo, Juyong Kim, Gunhee Kim, Sung Ju Hwang
Pages 86-101

[Playing for Data: Ground Truth from
Computer Games](#)

Stephan R. Richter, Vibhav Vineet, Stefan Roth, Vladlen
Koltun
Pages 102-118

[Human Re-identification in Crowd Videos Using Personal, Social and Environmental Constraints](#)

Shayan Modiri Assari, Haroon Idrees, Mubarak Shah
Pages 119-136

[Revisiting Additive Quantization](#)

Julieta Martinez, Joris Clement, Holger H. Hoos, James J. Little
Pages 137-153

[Single Image Dehazing via Multi-scale Convolutional Neural Networks](#)

Wenqi Ren, Si Liu, Hua Zhang, Jinshan Pan, Xiaochun Cao, Ming-Hsuan Yang
Pages 154-169

[Photometric Stereo Under Non-uniform Light Intensities and Exposures](#)

Donghyeon Cho, Yasuyuki Matsushita, Yu-Wing Tai, Inso Kweon
Pages 170-186

[Visual Motif Discovery via First-Person Vision](#)

Ryo Yonetani, Kris M. Kitani, Yoichi Sato
Pages 187-203

[A Cluster Sampling Method for Image Matting via Sparse Coding](#)

Xiaoxue Feng, Xiaohui Liang, Zili Zhang
Pages 204-219

[Fundamental Matrices from Moving Objects Using Line Motion Barcodes](#)

Yoni Kasten, Gil Ben-Artzi, Shmuel Peleg, Michael Werman
Pages 220-228

[Fashion Landmark Detection in the Wild](#)

Ziwei Liu, Sijie Yan, Ping Luo, Xiaogang Wang, Xiaoou Tang
Pages 229-245

[Human Pose Estimation Using Deep Consensus Voting](#)

Ita Lifshitz, Ethan Fetaya, Shimon Ullman
Pages 246-260

[Leveraging Visual Question Answering for Image-Caption Ranking](#)

Xiao Lin, Devi Parikh
Pages 261-277

[DAVE: A Unified Framework for Fast Vehicle Detection and Annotation](#)

Yi Zhou, Li Liu, Ling Shao, Matt Mellor
Pages 278-293

[← Previous](#)

Page

1

of 3

[Next →](#)[Back to top ↑](#)

Other Volumes

1. [Computer Vision – ECCV 2016](#)

2. Computer Vision – ECCV 2016

3. [Computer Vision – ECCV 2016](#)

4. [Computer Vision – ECCV 2016](#)

— [show all](#)

[Back to top](#) ↑

About this book

The eight-volume set comprising LNCS volumes 9905-9912 constitutes the refereed proceedings of the 14th European Conference on Computer Vision, ECCV 2016, held in Amsterdam, The Netherlands, in October 2016. The 415 revised papers presented were carefully reviewed and selected from 1480 submissions. The papers cover all aspects of computer vision and pattern recognition such as 3D computer vision; computational photography, sensing and display; face and gesture; low-level vision and image processing; motion and tracking; optimization methods; physics-based vision, photometry and shape-from-X; recognition: detection, categorization, indexing, matching; segmentation, grouping and shape representation; statistical methods and learning; video: events, activities and surveillance; applications. They are organized in topical sections on detection, recognition and retrieval; scene understanding; optimization; image and video processing; learning; action activity and tracking; 3D; and 9 poster sessions.

[Back to top](#) ↑

Keywords

computational photography

image classification

particle swarm optimization

pattern mining

semantic clustering

3D

action detection

autonomous driving

background subtraction

compression artifacts reduction

computer aided diagnosis

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[Back to top](#) ↑

Editors and Affiliations

RWTH Aachen, Aachen, Germany

Bastian Leibe

Czech Technical University, Prague 2, Czech Republic

Jiri Matas

University of Trento, Povo - Trento, Italy

Nicu Sebe

University of Amsterdam, Amsterdam, The Netherlands

Max Welling

[Back to top](#) ↑

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Topics
[Computer Vision](#),
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[Pattern](#)
[Recognition,](#)
[Artificial](#)
[Intelligence,](#)
[Computer](#)
[Graphics](#)

[Back to top ↑](#)