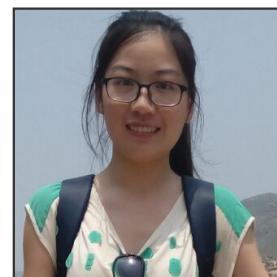


Lu Yu

PHD · COMPUTER SCIENCE

Computer Vision Center, Edificio O, Campus UAB, 08193 Bellaterra (Cerdanyola), Barcelona, Spain

☎ (+34) 644161086 | ✉ luyu@cvc.uab.es | 🏠 <https://yulu0724.github.io/> | 📺 yulu0724 | 🌐 lu-yu-708a61125



Summary

Currently I am a researcher in Learning and Machine Perception (LAMP) group at Autonomous University of Barcelona. I finished my PhD in November of 2019. My main research interest is on the machine learning applied to computer vision, which includes Deep Neural Networks, Color Representation, Network Compression, Metric Learning and Continual Learning.

Publications

- 2020 **Lu Yu**, Bartłomiej Twardowski, Xialei Liu, Luis Herranz, Kai Wang, Yongmei Cheng, Shangling Jui, Joost van de Weijer, Semantic Drift Compensation for Class-Incremental Learning of Embeddings *CVPR*
- 2019 **Lu Yu**, Vacit Oguz Yazici, Xialei Liu, Joost van de Weijer, Yongmei Cheng & Arnau Ramisa, Learning Metrics from Teachers: Compact Networks for Image Embedding *CVPR*
- 2018 **Lu Yu**, Yongmei Cheng & Joost van de Weijer, Weakly Supervised Domain-Specific Color Naming Based on Attention *ICPR*
- 2017 **Lu Yu**, Lichao Zhang, Joost van de Weijer, Fahad Shahbaz Khan, Yongmei Cheng & C. Alejandro Parraga, Beyond Eleven Color Names for Image Understanding *Machine Vision and Application*

Education

Computer Vision Center, Universitat Autònoma de Barcelona

PHD IN COMPUTER SCIENCE AND ENGINEERING

Supervisor: Joost van de Weijer

Spain

Sep. 2015 - Nov. 2019

Automation Department, Northwestern Polytechnical University

M.S. IN CONTROL THEORY AND CONTROL ENGINEERING

Supervisor: Yongmei Cheng

China

Sep. 2012 - Jul. 2015

Automation Department, Anhui University of Science and Technology

B.S. IN ELECTRICAL ENGINEERING AND AUTOMATION

China

Sep. 2009 - Mar. 2013

Work Experience

Computer Vision Center, Universitat Autònoma de Barcelona

RESEARCHER

Spain

Nov. 2019 - now

Skills

Programming language: Matlab, Python

Deep learning framework: Matconvnet, Pytorch

Academic Services

Conference reviewer: CVPR'20, WiCV of CVPR'19, WiCV of CVPR'18, WiCV of ECCV'18

Honors & Awards

2017-2019 PhD scholarship, Computer Vision Center
2015-2017 PhD scholarship, China Scholarship Council
2012-2015 Master scholarship, Second level scholarship in NWPU
2008-2011 Outstanding graduates, in AUST
2019 Travel Award, Women in Computer Vision of CVPR 2019
2019 Volunteer, CVPR 2019

Competition & Media Coverage

2018 Third Prize, Baidu Star Development Contest (Crowd Counting in Complex environments)
2018 National Geographic (September 2018), 9 Spanish newspapers and TV, Beyond Eleven Color Names For Image Understanding

Presentation

Sep. 2018 Invited Talk at Institute of Computing Technology, Chinese Academy of Sciences, Network Distillation on Metric Learning *Beijing, China*
Aug. 2018 Invited Talk at School of Mechanical and Electrical Engineering, Xidian University, Discriminative Color Representation *Xi'an, China*
Sep. 2017 Invited Talk at School of Automation, Northwestern Polytechnical University, Domain-specific Color Naming *Xi'an, China*

Language

CHINESE, ENGLISH AND SPANISH

Hobby

READING, TRAVELLING, SKIING, TENNIS, ZUMBA, FITNESS.