COMPUTER VISION 2
STUDENT PRESENTATIONS (SPRING 2017)

Week 2, C1.12, Friday April 10th

No presentation.

Week 3, C1.11, Friday April 21th

11:00-11:40 Arjan van der Linden and Ruben Blom, Modeling Video Evolution for Action Recognition:
http://www.robots.ox.ac.uk/~vgg/rg/papers/videoDarwin.pdf

11:40-12:00 ***Break***

12:00-12:40 Casper and Maurits Bleeker, Mask R-CNN, He et al.:
http://arxiv.org/pdf/1703.06870v1.pdf

Week 4, F2.04, Tuesday April 25th

11:00-11:40 Athanasios Roidis and Georgios Sidiropoulos, MultiView Stereo Revisited, Goesele:
http://www.gcc.tu-darmstadt.de/media/gcc/papers/Goesele-2006-MSR.pdf

11:40-12:00 ***Break***

12:00-12:40 Tim van Elsloo and Thomas van der Ham, Ambient Point Clouds for View Interpolation:
http://download.hrz.tu-darmstadt.de/media/FB20/GCC/paper/Goesele-2010-APC.pdf

Week 4, G2.10, Wednesday April 26th

13:00-13:40 Joop Pascha and Nedko Savov, Accidental Pinhole and Pinspeck Cameras: Revealing the Scene Outside the Picture, Torralba:
http://people.csail.mit.edu/torralba/publications/shadows.pdf

13:40-14:00 ***Break***

14:00-14:40 Alexandre Lasbleis and Vladimir Isakov, DynamicFusion: Reconstruction and Tracking of Non-rigid Scenes in Real-Time, Newcombe et. al.:
http://grail.cs.washington.edu/projects/dynamicfusion/papers/DynamicFusion.pdf

Week 5, G2.10, Monday May 1st

15:00-15:40 Heng Lin and Marco Federici, Image-to-Image Translation with Conditional Adversarial Nets, Isola et al:
https://arxiv.org/pdf/1611.07004v1.pdf

15:40-16:00 ***Break***

16:00-16:40 Edgar Schönfeld and Luca Simonetto., Object Detectors Emerge in Deep Scene CNNs, Bolei et. al:
http://www.robots.ox.ac.uk/~vgg/rg/papers/zhou_iclr15.pdf

Week 6, G2.10, Monday May 8th

15:00-15:40 Hella Haanstra and Ward Heij, On Seeing Stuff: The Perception of Materials by Humans and Machines, Adelson:
http://web.mit.edu/persci/people/adelson/pub_pdfs/adelson_spie_01.pdf

15:40-16:00 ***Break***

16:00-16:40 Jorik Spijkerman and Sanne Bouwmeester, Real-Time Human Pose Recognition in Parts from Single Depth Images, Shotton et al.:
http://research.microsoft.com/pubs/145347/BodyPartRecognition.pdf

Week 6, SP F2.04, Wednesday May 10th

13:00-13:40 Bart Bussmann, Rick Groenendijk, Deep Convolutional Network Cascade for Facial Point Detection, Yi Sun, Xiaogang Wang, Xiaoou Tang:
http://www.ee.cuhk.edu.hk/~xgwang/papers/sunWTcvpr13.pdf

13:40-14:00 ***Break***

14:00-14:40 Alexander Lell and Tushar Nimbhorkar, FlowNet: Learning Optical Flow with Convolutional Networks, Dosovitskiy et al:
http://lmb.informatik.uni-freiburg.de/Publications/2015/DFIB15/flownet.pdf

Week 7, C1.112, Monday May 15th

15:00-15:40 Muriël Hol and Niels Backer, Recovering Intrinsic Images with a Global Sparsity Prior on Reflectance, Gehler:
http://people.tuebingen.mpg.de/mkiefel/projects/intrinsic/nips11intrinsic.pdf

15:40-16:00 ***Break***

16:00-16:40 Ujjwal Sharma and Aashish Venkatesh, Newell et. Al., Stacked Hourglass Networks for Human Pose Estimation:
https://arxiv.org/pdf/1603.06937.pdf

Week 8, C1.112, Monday May 22nd

15:00-15:40 Kris Korrel and Diede Rusticus, R-FCN: Object Detection via Region-based Fully Convolutional Networks, Dai et al.:
https://arxiv.org/pdf/1605.06409.pdf

15:40-16:00 ***Break***

16:00-16:40 Philip Botros and Jim Winkens, Visualizing and Understanding Convolutional Networks, Zeiler and Fergus:
http://arxiv.org/abs/1311.2901

Week 8, C1.112, Tuesday May 23th

13:00-13:40 Thomas de Groot, and Tijs Maas, DeepFlow: Large Displacement Optical Flow with Deep Matching, Weinzaepfel et. al.:
http://hal.archives-ouvertes.fr/docs/00/87/35/92/PDF/DeepFlow_iccv2013.pdf

13:40-14:00 ***Break***

14:00-14:40 Thomas Tiel Groenestege and Jorn Engelbart, Matching Local Self-Similarities across Images and Videos, Shechtman, Irani:
http://www.wisdom.weizmann.ac.il/~vision/VideoAnalysis/Demos/SelfSimilarities/SelfSimilarities_ShechtmanIrani07.pdf