Large-scale Scene Understanding Challenge

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LSUN: Large-scale Scene Understanding

- Complementary to the object-centric ImageNet ILSVRC Challenge hosted at ICCV/ECCV every year, we are hosting a scene-centric challenge at CVPR every year.

- Inspired by recent success using big data, such as deep learning, we will focus on providing benchmarks that are at least several times bigger than the existing ones, to support training these data-hungry algorithms.
Challenge Tasks

Partner with:

NUS VIP
Visual Information Processing Lab

MS COCO Captioning
Schedule

• 8:30am - 8:35am: Opening Remarks, Speaker: Jianxiong Xiao
• 8:35am - 8:45am: Award session
• 8:45am - 9:35am: Classification session
  8:45 - 9:05: Introduction, Speaker: Fisher Yu, Yinda Zhang
  9:05 - 9:20: "Google" team, Speaker: Christian Szegedy
  9:20 - 9:35: "siia_ICT" team, Speaker: Xinhang Song and Luis Herranz
• 9:35am - 10:00am: Room layout session
  9:35 - 9:45: Introduction, Speaker: Yinda Zhang
  9:45 - 10:00: "UIUC" team, Speaker: Jason Rock
• 10:00am - 10:30am: Tea break
• 10:30am - 11:30am: Saliency session
  10:30 - 10:45: iSUN introduction, Speaker: Yinda Zhang
  10:45 - 11:00: SALICON introduction, Speaker: Qi Zhao
  11:00 - 11:15: "UPC" team, Speaker: Xavier Giró i Nieto
  11:15 - 11:30: "Rare" team, Speaker: Pierre Mariéchet
• 11:30am - 12:20pm: Image caption session
  11:30 - 11:45: Opening, Speaker: Larry Zitnick, Matteo Ruggero Ronchi, Yin Cui
  11:45 - 11:55: “Montreal/Toronto” team, Speaker: Kelvin Xu
  11:55 - 12:05: “MSR Captivator” team: Speaker: Saurabh Gupta
  12:05 - 12:15: “Google” team, Speaker: Oriol Vinyals
  12:15 - 12:20: Remark
• 12:20pm - 12:30pm: Closing Remarks
Scene Classification

Winner: Google
Member: Julian Ibarz, Christian Szegedy, Vincent Vanhoucke
Room Layout Estimation

Winner: UIUC
Member: Arun Mallya, Svetlana Lazebnik
Saliency Prediction

Winner: UPC
Member: Junting Pan and Xavier Giro-i-Nieto