

Arun Balajee Vasudevan

CONTACT ADDRESS C113.1, CVLab, ETZ, Sternwartstrasse 7
8092 Zurich, Switzerland

Contact: arunv@vision.ee.ethz.ch

INTERESTS Computer Vision, Sounds, NLP

EDUCATION

ETH Zurich PhD in Computer Vision, Advised by Prof. Luc Van Gool	Oct 2016 - Present
Ecole Polytechnique Federale de Lausanne (EPFL) Master in Computer Science	Sept 2014 - Aug 2016 CGPA(ECTS): 5.45/6.0
Indian Institute of Technology Jodhpur (IITJ) B.Tech. in Electrical Engineering	July 2010 - May 2014 CGPA: 9.34/10.0

PUBLICATIONS

Semantic Object Prediction and Spatial Sound Super-Resolution with Binaural Sounds
Arun Balajee Vasudevan, Dengxin Dai, Luc Van Gool. **ECCV 2020 [Spotlight]**

Talk2Nav: Long-Range Vision-and-Language Navigation with Dual Attention and Spatial Memory
Arun Balajee Vasudevan, Dengxin Dai, Luc Van Gool. **IJCV 2020**

Object Referring in Visual Scene with Language and Human Gaze
Arun Balajee Vasudevan, Dengxin Dai, Luc Van Gool. **CVPR 2018**

Object Referring in Visual Scene with Spoken Language
Arun Balajee Vasudevan, Dengxin Dai, Luc Van Gool. **WACV 2018**

Query-adaptive Video Summarization via Quality-aware Relevance
Arun Balajee Vasudevan*, Michael Gygli*, Anna Volokitin, Luc Van Gool. **ACM Multimedia 2017**

INTERNSHIPS

Intern, Technicolor R&D, Germany 2D and 3D registration of point cloud for 3D ear reconstruction	July 2015 – Dec 2015
Vision Science Lab, University of California Berkeley Designed the experiment for the study of the effects of blur and disparity in viewing 3D in 2D display.	May 2013- July 2013

TEACHING EXPERIENCE Image Analysis and Computer Vision **Fall [2016- 2019]**
Teaching Assistant

AWARDS

- Finalist in **University Startup World Cup 2015** participated by 750 teams organized by Venture Cup in Copenhagen.
- Secured All India Rank of 3446 and 369 in **IITJEE** and **AIEEE 2010**