

Ali DIBA

PERSONAL DATA

PHD STUDENT	Department of Electrical Engineering-ESAT, KU Leuven
EMAIL:	ali.diba@kuleuven.be

RESEARCH INTERESTS

Computer Vision, Machine Learning, Large Scale Learning, Deep Learning, Big Data Analysis.

EDUCATION

SEP 2015-Now	Phd Computer vision, KU Leuven , ESAT-PSI Research Topics: Image classification, Human Action analysis, Deep Learning in Copmuter vision. Advisor: Prof. Luc Van Gool
2011-2013	M.Sc., Artificial Intelligence, Sharif University of Technology , Thesis Title: "Scene classification By Segmented frames from Video streams" Advisor: Prof. Mohammad Ghanbari
2006-2011	B.Sc., Computer Engineering, Shahed University of Tehran, Advisor: Dr. Behrad

SELECTED PROFESSIONAL EXPERIENCES

<i>Current</i> SEP 2014	ESAT-PSI KU Leuven, <i>Doctoral Researcher in VISICS-Computer vision Group</i> Cutting edge research in computer vision problems specially Object detection and clas- sification, Image classification, Human action and attribute analysis, Deep Learning in computer vision.
2011-2013	Sharif University of Technology, <i>Research Assistant in Video Processing Lab</i> Research and development in novel image and scene classification.
2012-2013	ViraTech Sharif Co., <i>R&D Engineer.</i> In charge for creating and development of image retrieval and search engine.

SELECTED PUBLICATIONS

2018	"Classification Driven Dynamic Image Enhancement", V.Sharma, A.Diba, D.Neven, M.Brown, L.Van Gool, R.Stiefelhaven, IEEE CVPR 2018 .
2017	"Weakly Supervised Cascaded Convolutional Networks", A.Diba, V.Sharma, A.Pazandeh, H.Pirsiavash, L.Van Gool, IEEE CVPR 2017 .
2017	"Deep Temporal Linear Encoding Networks", A.Diba, V.Sharma, L.Van Gool, IEEE CVPR 2017 .

2017	"DeepProposals: Hunting Objects and Actions by Cascading Deep Convolutional Layers", A.Ghodrati, A.Diba, M.Pedersoli , T.Tuytelars, L.Van Gool, Submitted to IJCV 2017 .
2017	" Deep Visual Words : Improved Fisher Vector for Image classification", A.Diba, A.Pazandeh, L.Van Gool, Machine Vision Applications 2017 .
2016	"Efficient Two-Stream Motion and Appearance 3D CNNs for Video Classification", A.Diba, A.Pazandeh, L.Van Gool, ECCVW 2016 .
2016	" DeepCamp : Deep Convolutional Action & Attribute Mid-level Patterns". A.Diba, A.Pazandeh, H.Pirsiavash, L.Van Gool. IEEE Conference on Computer Vision and Pattern Recognition, IEEE CVPR 2016 .
2015	" DeepProposal : Hunting Objects by Cascading Deep Convolutional Layers", A.Diba*, A.Ghodrati*, M.Pedersoli , T.Tuytelars, L.Van Gool, IEEE International Conference on Computer Vision IEEE ICCV 2015 .
2013	"Multi-Attribute Queries: To Merge or Not to Merge?", M.Rastegari, A.Diba, A.Farhadi, D.Parikh, IEEE Conference on Computer Vision and Pattern Recognition, IEEE CVPR 2013 .

HONORS AND AWARDS

SEPT. 2014	Phd Scholarship ESAT-KU Leuven
2013	Accepted To ICVSS 2013: International computer vision summer school
2013	Accepted to CVML 2013: ENS/INRIA Visual Recognition and Machine Learning
2013	Accepted as in Top 100 in Master Program Entrance Exam among 20000 students

SKILLS

Programming Language:	C++, PYTHON, MATLAB, CUDA C.
CV&ML Packages:	OPENCV, CAFFE, PYTORCH, TORCH , TENSORFLOW
Typesetting:	LATEX, MS OFFICE

LANGUAGES

PERSIAN:	Mother tongue
ENGLISH:	Fluent
GERMANY:	Basic Knowledge
ARABIC:	Basic Knowledge

INTERESTS AND ACTIVITIES

Traveling, Basketball, Technology, Open-Source, Programming

REFERENCES

Available upon request