

Decky ASPANDI LATIF

PERSONAL DATA

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EDUCATION

- MARCH 2021 Doctor Of Philosophy in INFORMATION AND COMMUNICATION TECHNOLOGY (Ph.D).
Pompeu Fabra University, Barcelona, Spain.
Thesis: “Deep Spatio-Temporal Neural Network for Facial Analysis”.
GRADE: Excellent (cum laude).
- OCTOBER 2014 Master of Science in COMPUTER ENGINEERING (M.Sc).
King Mongkut’s University of Technology Thonburri, Bangkok, Thailand.
Thesis: “Texture-based Classification of High-Resolution Remotely Sensed imagery.”
GPA: 3.83/4.00.
- MARCH 2012 Undergraduate Degree in COMPUTER SCIENCE (B.Sc).
Mulawarman University, Samarinda, Indonesia.
Thesis: “Web Based Decision Support System of University of Mulawarman. using Promethee Method and Geography Visualization.”
GPA: 3.89/4.00.

PUBLICATIONS

1. **D. Aspandi**, O. Pujol, F. Sukno, and X. Binefa, “Composite recurrent network with internal denoising for facial alignment in still and video images in the wild”, in **Image and Vision Computing**, *to appear*.
2. **D. Aspandi**, F. Sukno, B. Schuller, and X. Binefa, “An Enhanced Adversarial Network with Combined Latent Features for Spatio-Temporal Facial Affect Estimation in the Wild”, in **16th International Conference on Computer Vision Theory and Applications (VISAPP)**, pp. 172-181, 08-10 February 2021, Vienna, Austria.
3. **D. Aspandi**, A. Mullol-Ragorta, B. Schuller, and X. Binefa, “Latent-Based Adversarial Neural Networks for Facial Affect Estimations” in **In Affective Behavior Analysis in-the-wild (ABAW) workshop in conjunction with International Conference on Facial and Gesture (FG) 2020**, 16-20 November 2020, Buenos Aries, Argentina.
4. ***J. Comas**, ***D. Aspandi**, and X. Binefa, “End-to-end facial and physiological model for Affective Computing and applications” in **International Conference on Facial and Gesture (FG) 2020**, 16-20 November 2020, Buenos Aries, Argentina. (* denotes equal work).
5. J. Comas, **D. Aspandi**, M. Ballester, L. Ballester, F. Carreras and X. Binefa, “Short-term Impact of Polarity Therapy on Physiological Signals in Chronic Anxiety Patients” in **8th International Conference on Bioinformatics and Computational Biology (ICBCB 2020)**, 16 May - 18 May 2020, Taiyuan, China.
6. **D. Aspandi**, O. Pujol, F. Sukno, and X. Binefa, “Robust Facial Alignment with Internal Denoising Auto-Encoder” in **16th Conference on Computer Robot and Vision (CRV)**, pp. 143-150, 28 May - 31 May 2019, Kingston, Canada.

7. **D. Aspandi**, O. Pujol, F. Sukno, and X. Binefa, "Fully end-to-end composite recurrent convolution network for deformable facial tracking in the wild," in **14th IEEE International Conference on Facial and Gesture (FG) 2019**, 14 May - 18 May 2019, Lille, France.
8. **D. Aspandi**, O. Pujol and X. Binefa, "Heatmap-Guided Balanced Deep Convolution Networks for Family Classification in the Wild", in **Recognizing Families In the Wild (RFIW) workshop in conjunction with IEEE FG 2019**, 14 May - 18 May 2019, Lille, France.
9. **Decky A. Latif**, Sally E. Goldin, Sumaryono, "Texture Based Classification of High Resolution Imagery using Weber Local Descriptor", in **10 th International Conference on Asia GIS**, Vol. 10, 16-17 June 2014, pp. 46. Chiang Mai, Thailand.
10. **Decky A. Latif**, H. Sulaiman, Yulianto, "Decision Support System for Study Program Selection at Mulawarman University using Promethee Method", in **Jurnal Informatika Mulawarman**, 8 th Edition, No.2. 2012, University of Mulawarman, Indonesia.

PROJECT PARTICIPATIONS

1. **Usability Data ECO system**. Collaborations between Universitat Stuttgart with EyeVido GMBH. 2021-Current.
2. **Affect and Physiological signal Analysis on Short-term Impact of Polarity Therapy in Chronic Anxiety**. Collaborations between Universitat Pompeu Fabra with Hospital de Sant Pau. Principal Investigator : Dr. Manell Ballester. 2018-2020.
3. **Cross Facial and DNA based analysis for human look-alike**. Collaborations of Universitat Pompeu Fabra with Josep Carreras Leukaemia Research Institute. Principal Investigator : Prof. Manel Esteller. 2017-2018

INVITED TALK

1. **Generative – Temporal based Model for Affect Estimations**, 15th January 2020, ZD.B Chair of Embedded Intelligence for Health Care and Wellbeing, University of Augsburg.

TEACHING EXPERIENCES

Spring 2019-2020	Deep Learning , Teaching Fellow. Pompeu Fabra University.
Spring 2017-2018	Computer Organization , Teaching Fellow. Pompeu Fabra University.
Spring 2013	Algorithm and Programming Language , Lecturer Assistant. University of Mulawarman.
Spring 2013	Data Structure, Lecturer Assistant , Lecturer Assistant. University of Mulawarman.
Fall 2010-2012	Computer Networking , Practicum Assistant. University of Mulawarman.
Spring 2009-2012	Algorithm and Programming Language , Practicum Assistant. University of Mulawarman.

(CO)-SUPERVISED STUDENTS

MASTER:	Yevgeniy Kadranov (UAB,2018-2019), Joaquim Comas Martinez (UPF,2019-2020).
UNDEGRADUATE:	Claudia Baca (UPF,2017-2018), Javier Benedicto (UPF,2017-2018), Gemma Alaix I Granell (UPF,2018-2019), Gary Stefano U Rodriguez (UPF,2018-2019), Sergi Sola Casas (UPF,2018-2019), Fouad Hamouti Laazibi (UPF,2019-2020), Nuria Rodriguez Diaz (UPF,2019-2020).

WORK AND INTERNSHIP EXPERIENCES

FEB 2021 - CURRENT	Postdoctoral Researcher at UNIVERSITAT STUTTGART, Stuttgart, Germany <i>Institute for Parallel and Distributed Systems</i> Research duty at several research projects and Teaching on Master and Undergraduate Degree.
NOV 2016 - FEB 2021	Teaching and Research Assistant at POMPEU FABRA UNIVERSITY Barcelona, Spain <i>Department of Information and Communication</i> Conducting and Assisting Research on several involved projects. Preparing and Teaching the class materials in several undergraduate subjects.
JAN 2020 - MAR 2020	Visiting Researcher at UNIVERSITY OF AUGSBURG, Augsburg, Germany <i>Chair of Embedded Intelligence for Health Care & Wellbeing</i> Collaborations on Deep Adversarial and Temporal Modelling for Affective Computing
JUNE 2015 - JUNE 2016	Turkish Language Fellows KARADENIZ UNIVERSITY, Trabzon, Turkey <i>TOMER</i> Turkish Language Preparations Programs - C1
JUNE 2012 - JAN 2014	Website Developer and System Administrator at DINAS PENDIDIKAN KALIMANTAN TIMUR, Samarinda, Indonesia <i>Technical Engineering Department</i> Developing software libraries for Institutional websites, Setup and monitoring dedicated remote server.
JUNE 2012 - JULY 2013	Lecturer Assistant at MULAWARMAN UNIVERSITY, Samarinda, Indonesia <i>Department of Computer Engineering and Science</i> Assisting lecture activities in several undergraduate courses.
JUNE 2009 - JULY 2012	Laboratorium Assistant at MULAWARMAN UNIVERSITY, Samarinda, Indonesia <i>Department of Computer Science</i> Supervising the practicum activity in laboratory. Maintaining the hardware and software of computer used in lab.

SCHOLARSHIPS-AWARDS

2016-2021	DTIC Ph.D Fellowship Program
2015-2016	Turkish Language Preparation Scholarship Program
2012-2015	Kaltim Abroad Scholarship
2009-2012	Basiswa Peningkatan Prestasi Akademik (PPA)

PROGRAMMING SKILLS

Basic:	BASIC, MATLAB + MATCONVNET
Advance:	PYTHON + TENSORFLOW + PYTORCH Pascal, C/C++, Java, PHP + Code Igniter

LANGUAGES

INDONESIAN:	Mother Tongue	ENGLISH:	Fluent (B2-C1)
TURKISH:	Intermediate (B1-B2)	MALAYSIAN:	Intermediate
CATALAN:	Basic (A2)	SPANISH:	Basic

REFERENCES

Available upon request.

Last updated on April 21, 2021