

Publications by Decky Aspandi

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I. JOURNAL ARTICLES

- 1) N. Rodriguez-Diaz, **D. Aspandi**, F. Sukno, and X. Binefa, "Lie detection based on deep learning applied to a collected and annotated dataset," *Future Internet, Special issue of Big Data and Augmented Intelligence*, vol. Accepted
- 2) **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," *Image and Vision Computing*, vol. 111, 104189
- 3) **D. Aspandi**, H. Hamdani, and Y. Yulianto, "Decision support system for study program selection at mulawarman university using the promethee method," *Mulawarman Informatics: Scientific Journal of Computer Science*, vol. 8, no. 2, pp. 61–64, 2016

II. CONFERENCE PAPERS

- 4) J. Comas, **D. Aspandi**, and X. Binefa, "Short-term impact of polarity therapy on physiological signals in chronic anxiety patients," in *9th International Conference on Bioinformatics and Computational Biology (ICBCB2020)*, (Taiyuan, China), 25 May 2021
- 5) **D. Aspandi**, F. Sukno., B. Schuller., B. Schuller., and X. Binefa., "An enhanced adversarial network with combined latent features for spatio-temporal facial affect estimation in the wild," in *Proceedings of the 16th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications - Volume 4: VISAPP*, (Vienna, Austria), pp. 172–181, INSTICC, SciTePress, 08-10 February 2021
- 6) **D. Aspandi**, A. Mallol-Ragolta, B. Schuller, and X. Binefa, "Latent-based adversarial neural networks for facial affect estimations," in *2020 15th IEEE International Conference on Automatic Face and Gesture Recognition (FG 2020)(FG)*, (Buenos Aires, Argentina), pp. 348–352, 16-20 November
- 7) J. Comas, **D. Aspandi**, and X. Binefa, "End-to-end facial and physiological model for affective computing and applications," in *2020 15th IEEE International Conference on Automatic Face and Gesture Recognition (FG 2020) (FG)*, (Buenos Aires, Argentina), pp. 1–8, IEEE Computer Society, 16-20 November 2020
- 8) **D. Aspandi**, O. Martinez, F. Sukno, and X. Binefa, "Fully end-to-end composite recurrent convolution network for deformable facial tracking in the wild," in *2019 14th IEEE International Conference on Automatic Face & Gesture Recognition (FG 2019)*, pp. 1–8, IEEE, 2019
- 9) **D. Aspandi**, O. Martinez, F. Sukno, and X. Binefa, "Robust facial alignment with internal denoising auto-encoder," in *2019 16th Conference on Computer and Robot Vision (CRV)*, pp. 143–150, IEEE, 2019
- 10) **D. Aspandi**, O. Martinez, and X. Binefa, "Heatmap-guided balanced deep convolution networks for family classification in the wild," in *2019 14th IEEE International Conference on Automatic Face & Gesture Recognition (FG 2019)*, pp. 1–5, IEEE, 2019
- 11) **D. Aspandi**, S. Goldin, and Sumaryono, "Texture based classification of high resolution remotely sensed imagery using weber local descriptor," in *2014 10th Asia GIS International Conference*, p. 057, AsiaGIS, 2014

III. TECHNICAL REPORTS AND PREPRINTS

- 12) N. Rodriguez-Diaz, **D. Aspandi**, F. Sukno, and X. Schuller, "Machine learning based lie detector applied to a collected and annotated dataset," *arXiv preprint arXiv:2104.08899*, 2021
- 13) **D. Aspandi-Latif**, S. Goldin, P. Rakwatin, and K. Rudahl, "Texture based classification of high resolution remotely

sensed imagery using weber local descriptor," *arXiv preprint arXiv:2104.08899*, 2021

- 14) **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," *arXiv preprint arXiv:2102.09150*, 2021
- 15) **D. Aspandi**, A. Mallol-Ragolta, B. Schuller, and X. Binefa, "Adversarial-based neural network for affect estimations in the wild," *arXiv preprint arXiv:2002.00883*, 2020