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You can browse GEIST members' publication from last years below:

2022

1. K. Kutt, D. Drażyk, L. Żuchowska, M. Szelażek, S. Bobek, and G. J. Nalepa, "**BIRAFFE2, a multimodal dataset for emotion-based personalization in rich affective game environments**," *Sci. Data*, vol. 9, no. 1, p. 274, 2022, doi: [10.1038/s41597-022-01402-6](https://doi.org/10.1038/s41597-022-01402-6).
2. J. Jakubowski, P. Stanisiz, S. Bobek, and G. J. Nalepa, "**Anomaly Detection in Asset Degradation Process Using Variational Autoencoder and Explanations**," *Sensors*, vol. 22, no. 1, p. 291, 2022, doi: [10.3390/s22010291](https://doi.org/10.3390/s22010291).
3. K. Kutt, P. Sobczyk, and G. J. Nalepa, "**Evaluation of Selected APIs for Emotion Recognition from Facial Expressions**," in *Bio-inspired Systems and Applications: from Robotics to Ambient Intelligence - 9th International Work-Conference on the Interplay Between Natural and Artificial Computation, IWINAC 2022, Puerto de la Cruz, Tenerife, Spain, May 31 - June 3, 2022, Proceedings, Part II*, 2022, vol. 13259, pp. 65–74, doi: [10.1007/978-3-031-06527-9_7](https://doi.org/10.1007/978-3-031-06527-9_7).
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1. V. Rodriguez-Fernández, A. Trzcionkowska, A. González-Pardo, E. Brzychczy, G. J. Nalepa, and D.

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2. G. J. Nalepa, J. M. Ferrández, J. T. Palma-Méndez, and V. Julián, Eds., **“Proceedings of the 3rd Workshop on Affective Computing and Context Awareness in Ambient Intelligence (AfCAI 2019), Universidad Politécnica de Cartagena, Spain, November 11-12, 2019,”** 2020, vol. 2609, [Online]. Available: <http://ceur-ws.org/Vol-2609>.
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6. K. Kutt, D. Drażyk, M. Szelązek, S. Bobek, and G. J. Nalepa, **“The BIRAFFE2 Experiment. Study in Bio-Reactions and Faces for Emotion-based Personalization for AI Systems,”** *CoRR* abs/2007.15048, 2020, [Online]. Available: <https://arxiv.org/abs/2007.15048>.
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