

## Special Issue

# Towards Sign Language Recognition: Achievements and Challenges

### Message from the Guest Editors

There are about 70 million deaf people in the world. They face barriers in social contacts because they cannot articulate words, have difficulty understanding written content and expressing thoughts in writing. Their primary means of communication is sign language. Unfortunately, sign language skills in the hearing community are negligible, and most existing communication systems use written or spoken language. Therefore, works on automatic recognition of sign language are of great social importance. Despite many years of research and noticeable progress in this field, researchers still face many difficult challenges. We are inviting original research works covering all aspects related to automatic sign language recognition. Topics include but are not limited to:

- sign language recognition
- finger alphabet recognition
- fingerspelling recognition
- hand gesture recognition
- gesture spotting
- continuous sign language recognition
- sign language datasets
- data annotation
- data augmentation
- human-computer interaction

For more information, please access the website at:  
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### Guest Editors

Dr. Tomasz Kapuscinski

Dr. Marian Wysocki

Dr. Kosmas Dimitropoulos

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### Deadline for manuscript submissions

closed (31 August 2022)



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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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