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Computer Vision in Human Analysis: From Face and Body to Clothes

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Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editors

Human-centered data are extremely widespread and have been intensely investigated by researchers belonging to different fields, including computer vision, machine learning, and Artificial Intelligence. These research efforts are motivated by the several highly informative aspects of humans that can be investigated, ranging from corporal elements (e.g., bodies, faces, hands, anthropometric measurements) to emotions and outward appearance (e.g., human garments and accessories).

We encourage submissions from all areas of computer vision, focusing on the analysis of humans. More general contributions such as novel theories, frameworks, architectures, and datasets are also welcome. The topics of interest include, but are not limited to, the following:

Human Body

- People detection and tracking;
- 2D/3D human pose estimation;
- Action and gesture recognition;
- Anthropometric measurement estimation;
- Gait analysis;
- Person re-identification;
- 3D body reconstruction.

Human Face

- Facial landmark detection;
- Head pose estimation;
- Facial expression and emotion recognition.

etc.



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Special Issue



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Message from the Editor-in-Chief

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