Special Issue

Person Re-Identification Based on Computer Vision

Message from the Guest Editors

Person re-identification (re-id) is an important research topic in computer vision and has received tremendous research efforts in the past decade. Existing works have addressed the re-id problem from various perspectives. However, more efforts are still needed to make the re-id approaches more reliable, robust, efficient, and generalizable. Therefore, this Special Issue aims to solicit original research from both the industry and academia on recent advances, solutions, applications and new challenges in the field of person re-identification based on computer vision techniques. The topics of interest include (but are not limited to) the following areas:

- Challenges in person re-id and related tasks;
- Robust person re-id systems;
- Domain adaptation/generalization for person re-id;
- Cross-modal or multi-modal person re-id;
- Joint person detection and re-id;
- Partial/occluded person re-id;
- Video-based person re-id;
- Lightweight or efficient models for person re-id;
- Multi-sensor feature fusion for person re-id;
- Novel benchmarks for person re-id;
- Surveys/reviews for person re-id and related tasks

Guest Editors

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Deadline for manuscript submissions

closed (20 February 2024)

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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