

## Visual surveillance in challenging environments

### Rationale

Over the last decade, the development of automated visual surveillance has captured the interest of both the research and industrial worlds. Stringent requirements are demanded by its immediate need in domains such as in commercial, law enforcement and military arenas. However, to date, developing a robust visual surveillance system to address real-world problems remains a challenge. This is largely due to the complex computer vision problems involved when addressing less controlled environment in the real-world.

In this special track, we seek papers describing contributions to the state-of-the-art and practice in the field to address the research of visual surveillance in challenging environments.

All paper submissions on any of the following topics are welcome. Papers outside the following topics will also be considered.

### Topics/scopes:

- Background and environment modeling
- Multi-targets tracking; Multi-cameras tracking
- Complex target behavioral analysis and recognition
- Important scenes/events detection and video summarization
- Mobile cameras monitoring
- Anomalous surveillance applications
- The design of user-interface and user's relevant feedback

### Organizing Committee

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