Call for Papers

Recent Advances in Biometric Technology for Mobile Devices (RABTMD 2018)
October 22, 2018, Los Angeles, California.

**Important Dates**

- **Paper Submission**: Aug 20th, 2018
- **Acceptance Notification**: Sep 10th, 2018
- **Camera-Ready Paper Due**: Sep 15th, 2018
- **Workshop**: Oct 22nd, 2018 (Half-day)

**Organizers**

- **Jean-Luc Dugelay**
  EURECOM, France
- **R. Ramachandra**
  NTNU, Norway
- **Hu Han**
  CAS, China
- **Abhijit Das**
  Inria, France
- **Antitza Dantcheva**
  Inria, France
- **Chiara Galdi**
  EURECOM France

**Program Committee**


**Keynote Speaker**

- To be confirmed

Biometric technology for mobile devices has gained rapid scientific growth in the recent period of time, with many complete systems based on a variety of modalities and traits. Currently, biometric authentication is not only used for unlocking phones, but also for protecting financial assets in payment systems, e.g., Apple Pay. Significant use of biometric traits can be found since the appearance of iPhone 5s in 2013, till date there are more than 700 mobile device types, which have adopted biometric based authentication. Hence, biometrics for mobile devices has proven to be highly promising and has sparked significant attention from researchers in industry, academia as well as government. Despite that, there are various open unexplored, and unidentified challenges in the field of biometric technology related to mobile devices. A dedicated special session can be instrumental in attending multidisciplinary efforts.

Topics of interest include, but are not limited to:

- Biometric technology for mobile devices in different spectrum (NIR, visible, etc.),
- 2D and 3D Face-based biometric technology for mobile devices,
- Fingerprint-based biometric technology for mobile devices,
- Iris-based biometric technology for mobile devices,
- Sensor development in biometric technology for mobile devices,
- Database on biometric technology for mobile devices,
- Biometric technology for mobile devices at distance,
- Biomedical application of biometric technology for mobile devices,
- Ocular biometrics based biometric technology for mobile devices,
- Information fusion of biometric technology for mobile devices,
- Adaptability of biometric technology for mobile devices,
- Physiological measurement technology on mobile devices.
- Presentation attack and liveness detection in biometric technology for mobile devices,
- Multi-biometric technology for mobile devices,
- Mobility in biometrics.

**Submission Guidelines**

Submissions should be done following the BTAS-2018 proceedings style. The submission guidelines can be found at:

[https://www.isi.edu/events/btas2018/paper_submission_guidelines](https://www.isi.edu/events/btas2018/paper_submission_guidelines)

All accepted papers of the special session will be included in the BTAS2018 Proceedings.

*In addition we plan to organise a special issue in a journal with the extended version of accepted special session papers.*

Please submit your papers at: