

BTAS 2018 - Special Session On Image And Video Forensics In Biometrics - IVFIB

No.	Program	Time
1	Opening Remarks on Special Session <i>Prof. Raymond Veldhuis and Kiran Raja</i>	09.00-09.05
2	Keynote by – Prof. Dr. Adams Wai Kin Kong Title: From Theory to Iris Image Reconstruction <i>Iris recognition systems have been widely deployed. Some national identity projects have used iris recognition systems to enrol over million persons and some payment systems based on iris recognition have been developed. The iris template databases are valuable to hackers, because they contain the “unique identity” of each person in the databases. In this talk, the speaker will first cover some basic theory of IrisCode, the most well-known iris recognition algorithm and some statistical properties of its iris templates. Then, some security issues about a template protection scheme will be also discussed. The difference between iris image reconstruction and adversarial examples will be mentioned and some algorithms which reconstruct iris images from iris templates will be presented.</i>	09.05-09.50 (+10 min)
3	MorGAN: Recognition Vulnerability and Attack Detectability of Face Morphing Attacks Created by Generative Adversarial Network <i>Naser Damer; Alexandra Moseguí Saladié; Andreas Braun; Arjan Kuijper</i>	10.00.10.10
4	PRNU Variance Analysis for Morphed Face Image Detection <i>Luca Debiasi; Christian Rathgeb; Ulrich Scherhag; Andreas Uhl; Christoph Busch</i>	10.10-10.20
5	Mind the Gap: A Practical Framework for Classifiers in a Forensic Context <i>Chris Zeinstra; Didier Meuwly; Raymond Veldhuis; Luuk Spreeuwiers</i>	10.20-10.30
Coffee-Break		10.30-11.00
6	Pulse-based Features for Face Presentation Attack Detection <i>Guillaume Heusch; Sebastien Marcel</i>	11.00-11.10
7	Exploring the Use of IrisCodes for Presentation Attack Detection <i>Cunjian Chen; Arun Ross</i>	11.10-11.20
8	Thermal Features for Presentation Attack Detection in Hand Biometrics <i>Ewelina Bartuzi; Mateusz M Trokielewicz</i>	11.20-11.30
9	Keynote by – Prof. Didier Meuwly Title: Forensic Biometrics - One Technology Multiple Scenarios	11.30-12.15 (+10 min)
10	Closing remarks	12.25-12.30