enhAnced Mobile BiomEtRics

DELIVERABLE: D3.2 1st Periodic Dissemination Report

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Authors / contributors	Annie Maingard, Richard Guest
Contributing partners	University of Kent

AMBER: enhanced Mobile BiomEtRics ETN

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Introduction

This is the first report to summarise the dissemination activities of the AMBER ETN network during 2017 and 2018. As well as a summary of presentations and publications, there is also commentary on the social media platforms used for AMBER.

Highlight from D1.4 1st Periodic Report on key AMBER events in 2018:

- European Association for Biometrics Research Projects Conference, September – We provided an update on network progress to the key European research event in the field. A special session will be organised at this event in 2019 enabling a more in-depth analysis of results and findings. Following this event, we have been invited to propose a book title to Springer in the field of mobile biometrics. This should be published in 2020.

- AMBER organised a Special Session at the EURASIP European Signal Processing Conference (EUSIPCO) in Rome in September, at which three of the AMBER projects were highlighted. The event was well attended and has led to the request for a special edition of EURASIP Journal on Information Security in 2019 which will be edited by the AMBER Team.

- AMBER was the sponsor of a Biometrics Institute event on GDPR held in Brussels in March attended by over 100 representatives of academia, industry and government.

- We have published 5 papers in this first full year of research with a number under review. This represents a significant achievement.

Presentations made by the AMBER network

Date of Presentation	Name of AMBER member	Title of presentation	Title of conference/meeting	Number in audience
23-02-2017	Patrizio Campisi	Smartphone based authentication - "enhAnced Mobile BiomEtRics" (AMBER)	NBLAW 2017 – Norwegian Biometrics Laboratory Annual Workshop	70
19-09-2017	Richard Guest	AMBER – Project introduction	EAB Research Projects Conference (EAB-RPC) 2017	150
30-01-2018	Richard Guest	AMBER: enhAnced Mobile BiomEtRics	H2020 Project clustering workshop	60
17-05-2018	Richard Guest	Mobile Biometrics: The AMBER Project	International Conference on Biometric Engineering and Applications 2018	50
24-09-2018	Richard Guest	AMBER Update	EAB Research Projects Conference	150
22-10-2018	Ines Goicoechea-Telleria	Hackathon results shared	52nd Annual IEEE International Carnahan Conference on Security Technology	50
09-11-2018	Salatiel Ezennaya-Gomez	Talk at: Biometric data use in the new era of GDPR	EAB Seminar Biometric data use in the new era of GDPR	50

Social Media

The AMBER website holds all publically available papers and gives up to date coverage on news events in the project. The Twitter account for AMBER has been active all year, with especially good coverage during our research conferences. On Twitter, there are currently 85 followers, and tweets are regularly re-posted. News coverage has also been given on the LinkedIn platform with regular interaction with the Marie Curie group.

Papers published by the AMBER network

Date of Publication	Name of AMBER member	Title of Paper	Title of conference/meeting	On website
02/02/2018	Nicholas Whiskerd	Towards a Mobile Biometrics Privacy Requirement Model	OVGU Technical Reports 2018	Yes
24/05/2018	Mohammadreza Azimi	The effect of gender-specific facial expressions on face recognition system's reliability	2018 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)	Yes
03/09/2018	Elakkiya Ellavarason	A Framework for Assessing Factors Influencing User Interaction for Touch-based Biometrics	26th edition of the European Signal Processing Conference, EUSIPCO 2018	Yes
03/09/2018	Nicholas Whiskerd	A Requirement Analysis for Privacy Preserving Biometrics in View of Universal Human Rights and Data Protection Regulation	26th edition of the European Signal Processing Conference, EUSIPCO 2018	Not published yet
03/09/2018	Barbara Corsetti	User Interactions in Mobile Biometrics	26th edition of the European Signal Processing Conference, EUSIPCO 2018	Yes
16/09/2018	Salatiel Ezennaya-Gomez	Towards a Protection Profile for User-Centric and Self-Determined Privacy Management in Biometrics	SECURWARE 2018 : The Twelfth International Conference on Emerging Security Information, Systems and Technologies	Yes
25/10/2018	Jalil Nourmohammadi-Khiarak	An Ear Anti-spoofing Database With Various Attacks	The IEEE International Carnahan Conference on Security Technology (ICCST) 2018	Yes

Conclusion

It has been a very successful period for the AMBER project, with both presentations and published papers. We look forward to 2019 with opportunities to promote the work of the project.