Homeland Security — Science and Technology	**INTERNATIONAL FACE PERFORMANCE CONFERENCE** Supporting Performance of Face Recognition	**NPL** — National Physical Laboratory
NIST — National Institute of Standards and Technology — U.S. Department of Commerce	October 27-29, 2020 **DRAFT PROGRAM**	European Association for Biometrics — **e a b** — Human Identity in Europe

NIST, NPL and the EAB are happy to announce the agenda for the IFPC 2020 conference on performance of face recognition which is focused on all technical factors affecting the deployment and use of high performance face recognition applications, including applications, standards, advanced and rapid capture, quality assessment, age and ageing effects, demographic effects, datasets, their preparation, training and tuning, presentation attack detection, non-cooperative uses, accuracy measurement, and performance tests. Sponsored by the Department of Homeland Security's Science and Technology Directorate, the conference aims to assemble a set of speakers from across the globe involved in face recognition development, procurement, deployment and operations. The overarching goal is to bring greater maturity to face recognition by improving performance, transparency, and trustworthiness. The organizers welcome proposals for technical or policy presentations focused on any technical factors, problems, and mitigations that influence face recognition operations and applications.	**Organizers:** Patrick Grother, Mei Ngan, NIST, US Christoph Busch, EAB, DE Tony Mansfield, NPL, UK **Speakers:** Research and development staff, system analysts, users, evaluators, planners, writers of technical specifications, standards developers and adopters. **Target audience:** Professionals concerned with face recognition procurement, deployment, maintenance, design, configuration, integration, standardization, research and development.

Main Conference
IFPC 2020 Conference
Virtual via "BlueJeans"
October 27, 28, 29

IFPC Conference Links:	Homepage	Registration	Directions

Face Recognition @ NIST	FRVT 1:1	FRVT 1:N	FRVT MORPH	FRVT Quality Assessment
	Face Forensics	Face masks	Demographics	

		IFPC 2020 - Tuesday Oct 27			**IFPC 2020 - Wednesday Oct 28**			**IFPC 2020 - Thursday Oct 29**
	07:20	**Welcome**		**07:00**	**Welcome**		**07:00**	**Welcome**
11	07:30	**Arun Vemury,** DHS Science + Technology Directorate (US): *Welcome + DHS context*	21	07:10	**Lars Ericson,** IARPA (US): *Overview of the IARPA efforts on face recognition*	31	07:10	**Rebecca Heyer,** DSTG (AU): *Face recognition in Australia*
12	07:40	**Istvan Szilard Racz,** EU-LISA: *European Entry-Exit*	22	07:40	**Stergios Papadakis,** Johns Hopkins Applied Physics Lab (US): *Results from the Odin program on presentation attack detection*	32	07:40	**Martins Bruveris,** Onfido (UK)*: Reducing geographic performance differentials for face recognition*
13	08:10	**Anna Stratmann,** BSI (DE): *Biometric processes of the Entry Exit System*	23	08:10	**Marta Gomez-Barrero,** Hochschule Ansbach (DE): *Presentation attack detection and unknown attacks*	33	08:10	**Jacqueline Cavazos,** UT Dallas (US): *Accuracy comparison across face recognition algorithms: Where are we on measuring race bias?*
14	08:40	**Patrick Grother,** NIST (US): *Measurement of face recognition performance for Entry-Exit*	24	08:40	**Christian Rathgeb,** Hochschule Darmstadt (DE): *Impact of facial beautification on face recognition: From plastic surgery to makeup presentation attacks*	34	08:40	**Johanna Morley,** Metropolitan Police (UK): *Testing of demographic effects in an operational live facial recognition from video system*
	09:10	Break 15 mins		09:10	Break 15 mins		09:10	Break 15 mins
15	09:25	**Arun Ross,** Michigan State University (US): *Look-alike disambiguation in face recognition*	25	09:25	**Mei Ngan,** NIST (US): *Face morphing - threats, technology, what's next*	35	09:25	**Yevgeniy Sirotin,** SAIC (US): *Demographics: Skin tone and accuracy*
16	09:55	**P. Jonathon Phillips,** NIST (US): *Item response theory for designing calibrated face ability tests*	26	09:55	**Christoph Busch,** NTNU/Hochschule Darmstadt (NO/DE): *Face morphing attack detection in the iMARS project*	36	09:55	**Michael Thieme,** Novetta (US): *AI performance assessment standardization in SC 42 – implications for biometrics*
17	10:25	**John Howard,** SAIC (US): *Human-Algorithm Teaming*	27	10:25	**Kiran Raja,** NTNU/MOBAI (NO): *Morphing Attack Detection - obstacles for research to deployment*	37	10:25	**Brendan Klare,** Rank One Computing (US): *Efficiency considerations for face recognition algorithms*
18	10:55	**Carina A. Hahn,** NIST (US): *The effectiveness of fusion in face recognition*	28	10:55	**Stephanie Schuckers,** Clarkson University (US): *Morph detection*	38	10:55	**Bhargav Avasarala,** Paravision (US): *Challenges and considerations for unconstrained face recognition*
19	11:25	**Amy N. Yates,** NIST (US): *Perceptual face abilities of face examiners for varying tasks*	29	11:25	**Pawel Drozdowski** Hochschule Darmstadt (DE): *Workload reduction in FR identification with morphing*	39	11:25	**Mosalam Ebrahimi,** Trueface AI (US): *A bias mitigation strategy: overcoming the problem of overly confident false matches*
1a	11:55	**Yevgeniy Sirotin,** SAIC (US): *Comparing face and iris as modalities for authentication*	2a	11:55	**Mei Ngan,** NIST (US): *Evaluation of face recognition accuracy for subjects potentially wearing face masks*	3a	11:55	**Tony Mansfield,** NPL (UK): *The new ISO/IEC 19795-1 biometric performance testing and reporting standard*
1b	12:25		2b	12:25		3b	12:25	**Patrick Grother,** NIST (US): *Now under development: ISO/IEC 29794-5 face image quality standard*
		12:55 Close			12:55 Close			12:55 Close