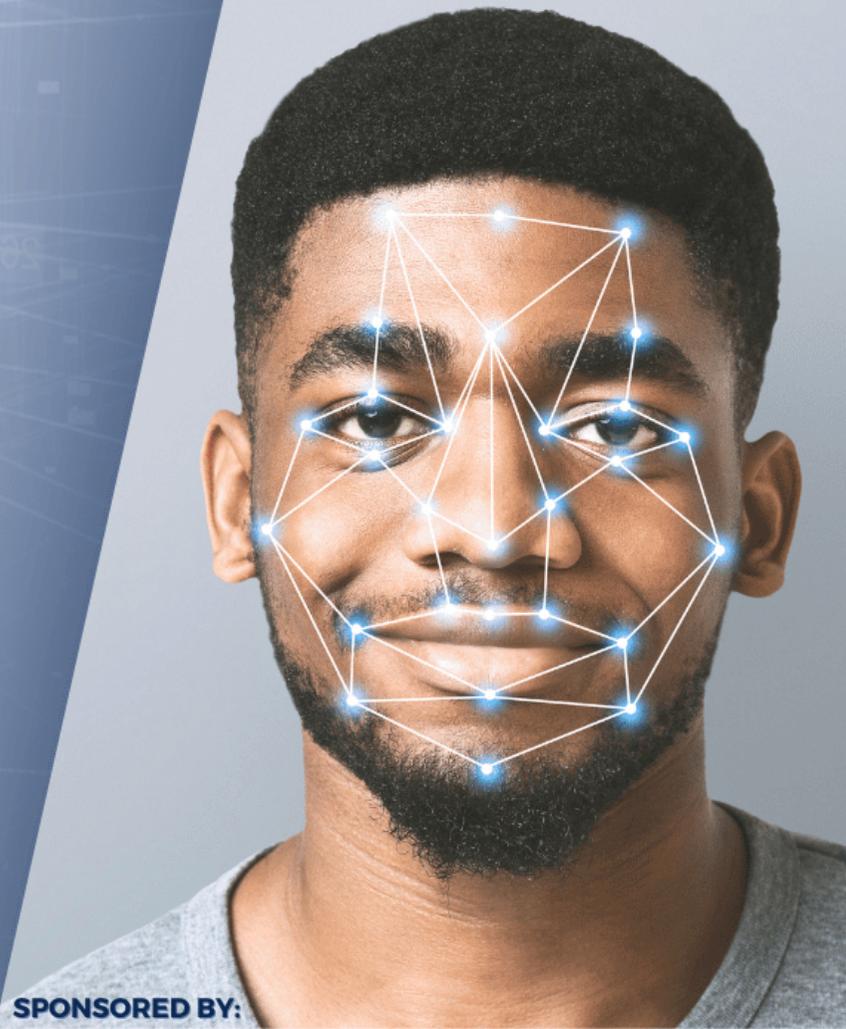


An EAB Digital Event

FACE IMAGE QUALITY WORKSHOP

NOV 7TH 2023 / NOV 9TH 2023



ORGANISED BY:

SPONSORED BY:



NIST  

secunet  **IDEMIA** **TECH5**
Technologies for Inclusion

Workshop on Face Image Quality Welcome

**Christoph Busch / Patrick Grother /
Istvan Racz / Ramon Blanco / Dinusha Frings /
Joyce Yang / Kiran Raja**

copy of slides available at:
<https://christoph-busch.de/about-talks-slides.html>

2023-11-07

Origin and Objectives of the Workshop

Concept

- born as follow-up of the Face Image Quality Assessment (FIQA) workshop 2021
<https://eab.org/events/program/261>

Agenda for the next three days

- <https://eab.org/events/program/325>
- Tuesday: What are the **requirements** for FIQA?
- Wednesday: What is the **current research** on FIQA?
- Thursday: How do we develop the ISO/IEC 29794-5 **standard** and the reference implementation Open Source Face Image Quality (OFIQ)?

Information related to the Workshop

Some details

- **788** registered **participants**
- **62 countries**
 - ▶ Albania, Algérie, Argentina, Australia, Austria, Belgium, Brasil, Canada, China, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, India, Indonesia, Iran, Ireland, Israel, Italy, Jamaica, Japan, Latvia, Lebanon, Lithuania, Malaysia, Malta, Mexico, Montenegro, Netherlands, New Zealand, Nigeria, Norway, Oman, Pakistan, Panama, Poland, Portugal, Republic of Moldova, Romania, Russia, Rwanda, Saudi Arabia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Taiwan, Turkey, U.S.A., U.K.
- all **continents**
- government, industry, academia

Thanks to our sponsors



Housekeeping Rules of the Workshop

Questions and Answers

- Participants will be muted during speaker sessions but will be able to **post** questions in the public chat.
- At the **end** of each talk, there will be time to answer first questions
- Further we will have two **panel discussions**.

Presentations

- Will be uploaded to the event page:
<https://eab.org/events/program/325>

Recordings

- With the presenters' approval EAB will **make the recording available** to the community, **excluding** subsequent Q&As.
- **It is not allowed to record video or audio during the conference**
- Panel discussion will **not** be recorded

U.S. National Institute of Standards and Technology

- The Information Technology Laboratory (ITL) is one of NIST's six research laboratories that focuses on IT measurements, testing, and standards
- ITL is a globally recognized and trusted source of high-quality, independent, and unbiased research and data.
- ITLs purpose is to cultivate trust in IT and metrology by advancing standards and measurement science.
- NIST Face Recognition Evaluations:
<https://www.nist.gov/programs-projects/face-recognition-vendor-test-frvt-ongoing>



European Union Agency for the Operational Management of Large-Scale IT Systems in the Area of Freedom, Security and Justice



- **Mission:** development and operational management of large scale IT systems in the domain of Home Affairs and Justice
- Established in 2011, started operations on 01/12/2012
- Agency's mandate was reinforced with Regulation(EU) 2018/1726
- Headquarters: Tallinn(Estonia)
- Operations: Strasbourg (France)
- Backup site: Sankt-Johann im Pongau (Austria)
- Liaison office: Brussels (Belgium)
- Over 300 statutory staff and growing
- Homepage: <https://www.eulisa.europa.eu>

European Association for Biometrics (EAB)



Objectives of the EAB

- The EAB is a **non-profit**, nonpartisan **association**
<https://eab.org/>
- **EAB** supports all sections of the ID community across Europe, including **governments**, NGO's, **industry**, associations and special interest groups and **academia**.
- Our role is to promote the **responsible use** and adoption of modern **digital identity systems** that enhance people's lives and drive economic growth.
- **Free membership** for Bachelor, Master and PhD students!
https://eab.org/membership/types_of_membership.html



European Association for Biometrics (EAB)



More Information

- Our **initiatives** are designed to foster **networking**
 - ▶ annual conference: EAB-RPC
<https://eab.org/events/program/300>
 - ▶ research awards
https://eab.org/award/hall_of_fame.html
 - ▶ workshops on relevant topics (e.g. Presentation Attack Detection, Morphing Attack Detection, Sample Quality, Bias in Biometric Systems)
<https://eab.org/events/>
 - ▶ lunch talks
<https://eab.org/events/program/324>
 - ▶ recorded keynote talks
<https://eab.org/events/lectures.html>
 - ▶ monthly newsletter
<https://eab.org/news/newsletter.html>
 - ▶ annual academic graduation report
<https://eab.org/information/documents.html>
 - ▶ open source repository
<https://eab.org/information/software.html>



Yevgeniy Sirotni
Demographic variation in the performance of biometric systems: insights gained from large-scale scenario testing
30 March 2021 Virtual Event Series

You may want to become a member in order to see that lecture. Please [register by using our form](#).



Jacob Hasselgren, John Howard
Developments in ISO 19795-10: Measuring Performance Across Demographic Groups
30 March 2021 Virtual Event Series

You may want to become a member in order to see that lecture. Please [register by using our form](#).



Tiago de Freitas Pereira
Demographic Disparities on Biometrics: an overview on how to assess it at different levels in biometric recognition pipelines
30 March 2021 Virtual Event Series

You may want to become a member in order to see that lecture. Please [register by using our form](#).



Margherita Natali
Keynote
15 March 2021 Virtual Event Series

You may want to become a member in order to see that lecture. Please [register by using our form](#).



Patrick Grother
Demographic differentials in face recognition algorithms
15 March 2021 Virtual Event Series

You may want to become a member in order to see that lecture. Please [register by using our form](#).

Contact

For more information

- on Open Source Face Image Quality (**OFIQ**) project:
<https://bsi.bund.de/dok/OFIQ-e>
- on **face image quality**:
<https://christoph-busch.de/projects-ofiq.html>
- on biometric **standards**:
<https://christoph-busch.de/standards-sc37wg3.html>



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