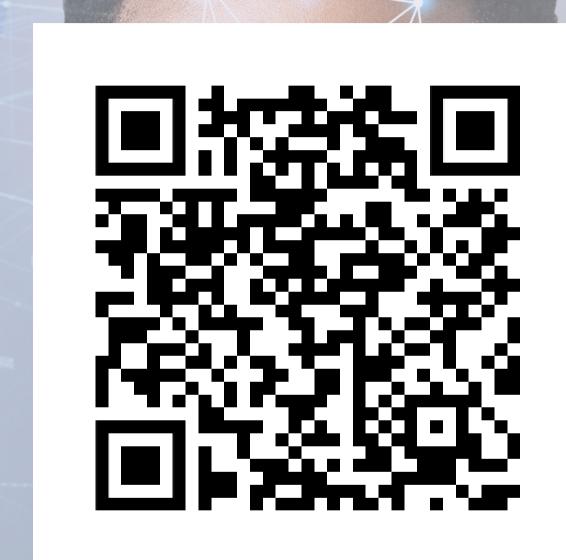
FACEIMAGE QUALITY WORKSHOP

NOV 7TH 2023 - NOV 9TH 2023



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FACE IMAGE QUALITY WORKSHOP



What can we learn from the NIST FATE SIDD submissions, how can they be transferred to OFIQ?

Patrick Grother
Johannes Merkle
Rein Süld

Moderated by: Christoph Busch

PANEL DISCUSSION 09.11.2023

FACE IMAGE QUALITY WORKSHOP



What can we learn from the NIST FATE SIDD submissions, how can they be transferred to OFIQ?

Q&A

PANEL DISCUSSION 09.11.2023



What is the NIST FATE SIDD, what is its purpose and how does it relate to ISO/IEC 29794-5?

PANEL DISCUSSION:



We would wish to have the best SIDD performing algorithms to be contained in the reference implementation OFIQ.

How can industry be motivated to contribute?

PANEL DISCUSSION:



How can we ensure that quality assessment algorithms are predictive for all/many FRS and not only for one or few?

PANEL DISCUSSION:

For Rein



Are the costs of "lost market share" not small compared to the gain for better operational performance?

PANEL DISCUSSION:



Innovation in academia and industry may bring new algorithms soon.

Launching a OFIQ2 project after completion of OFIQ1 in Summer 2024 and a revision project for ISO/IEC 29794-5:2024 could lead to update of both the standard and the reference implementation in 2027.

Is that a good time plan?

PANEL DISCUSSION:

For Rein, Johannes



Quality algorithms apply to face capturing in different use cases (controlled station versus mobile):

What kind of predictive performance can we expect for different use cases?

PANEL DISCUSSION:

For Johannes



What kind of predictive performance is needed for different use cases?

PANEL DISCUSSION:



What kind of performance do we expect from the reference algorithm (OFIQ)?

How can it be assured that the unified quality score relates to the FNMR?

PANEL DISCUSSION:

For Rein



What else should be tested beyond NIST FATE SIDD? For instance a presentation attack by presenting a sample of poor quality (concealer attack) and prevent detection of a duplicate.

Is more testing needed?

PANEL DISCUSSION:

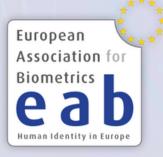
For Johannes, Rein



MAD is important: Will morphing attack detection be more successful, if a good quality of face images is ensured?

PANEL DISCUSSION:

For Johannes, Patrick



Which quality components are most relevant for FRS performance?

PANEL DISCUSSION: