Co-chairs

- Tony Mansfield, NPL
- Christoph Busch, EAB
- Elham Tabassi, NIST
- Patrick Grother, NIST

Speakers

- 49 speakers
- 58 authors
- 10 countries
- 3 continents

Appreciation

Sponsor

Homeland Security
Science and Technology

Delegates

- 168 registered
- ~10 NIST
- ~8 others
- 176 estimated total

Content

- 46 talks
- Talks: 19 hr 35 minutes
- Sessions: 26 hr 10 minutes
- Over 3 days

Logistics

- Kelsey Knepp
- Conference Services
- AV

MINEX III → IV: Minutia On-card Comparison

- **MINEX III**
  - 1:1 interoperable fingerprint test
  - Multi-million subject dataset for PIV certification
  - ***Ongoing*** participation, **no** advanced registration
  - From submission to results in about **one business day**

- Ongoing MINEX was deprecated in 2015 and **does not test** latest PIV requirements. Participate in MINEX III **now**!

MINEX IV: Everything great about MINEX III **on 7816 smart cards**.

Projected start: Fall 2016

Subscribe instantly: MINEX-Announce-JOIN@nist.gov
Google: "MINEX III" **Comments + questions:** minex@nist.gov

Who

- Greg Fiumara
- Wayne Salamon
- George Quinn

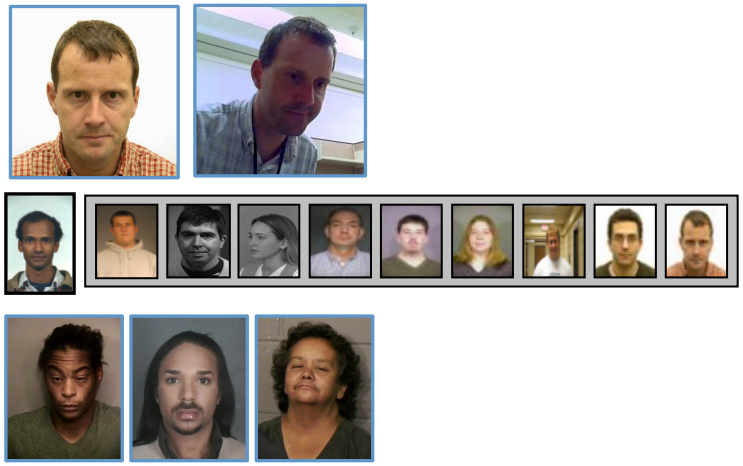
FRVT 2016 Evaluation

FRVT FACE RECOGNITION VENDOR TEST

NIST

Scope

- **1:1** (Same person or not?)
- **1:N** (Open set, large N → lower FPIR)
- **Age Estimation** (How old?)
- **Gender Estimation** (Male or female?)
- **Pose Estimation** (Frontal? Supporting ICAO/ISO)



Who

- Patrick Grother
- George Quinn
- Mei Ngan

How

- C++ API
- Rapid Evaluation → Leaderboard
- Separate Task Phases

Data

- Mugshots
- Visa / ISO
- Photojournalism
- Child exploitation

Submission Deadlines

- 1:1 – Aug 2016
- 1:N – Nov 2016
- Age, Gender – Aug 2016
- Pose Estimation – Nov 2016
- … Repeat, ongoing

Contact: frvt2016@nist.gov | More information coming soon at http://face.nist.gov

The IREX-IX Evaluation

irex IRIS EXCHANGE NIST

Scope

- 1:N
  - Following IREX III/IV but with larger N
  - Support mainline application of iris recognition
- 1:1
  - Characterize **cross-wavelength** capability to support iris recognition in non-IR images
  - Off angle iris: Support **mobile** authentication

Who

- George Quinn
- James Matey
- Patrick Grother

Schedule

- Final API May 24th
- Evaluation Sep 22th

How

- C++ API
- Rapid Evaluation
- NIR + non-NIR data sequestered at NIST
- Provide segmentation boundaries to algorithm for “investigational cases”

Tattoo Recognition Technology – Evaluation (Tatt-E) 2016

Tattoo Recognition Technology

NIST

» Goals

- Follow-on to Tatt-C 2015 Open Challenge Activity
- Tatt-E seeks to assess and improve the capability of systems to perform automated image-based tattoo recognition to support operationally relevant scenarios
  - Comparative and absolute accuracy
  - Run-time measures on larger, operationally realistic datasets than seen in Tatt-C
- Assist agencies with an interest in tattoo matching capabilities

» Protocol

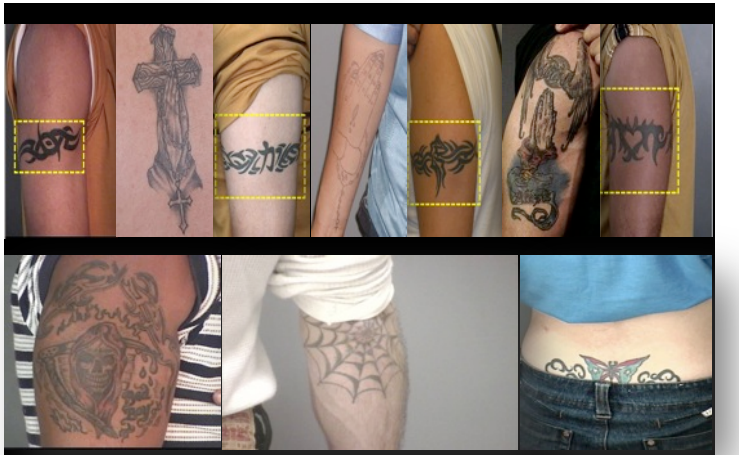
- Sequestered test where algorithm software is sent to NIST for evaluation on sequestered datasets

» Use Cases

- Tattoo Identification/Region of Interest
- Tattoo Detection/Localization
- Clustering

» Currently seeking

- Developers of tattoo recognition technology
- Law enforcement collaboration partners with tattoo data



Google: NIST Tattoo
Email: tatt-e@nist.gov
http://www.nist.gov/itl/iad/ig/tatt-e.cfm

» Schedule

- Public comments on Test Plan/ API: May – July 2016
- Phase 1: July – Sept 2016
- Phase 2: Oct – Jan 2017
- Phase 3: Feb – May 2017

BREAKING NEWS

TATTOO RECOGNITION TECHNOLOGY – EVALUATION (Tatt-E)
Accepting Algorithm Submissions starting July 2016! Google: NIST Tattoo

LIVE NIST