

EAB General Assembly 2018 announcements



In the evening of 25 September 2018 the General Assembly of the European Association for Biometrics EAB met in Darmstadt. The full meeting minutes are available on the member area of EAB's website: <https://www.eab.org/events/program> Important decisions were:

[Full story](#)

EAB awards three academics for excellence in European biometric research



On 26 September 2018 the European Association for Biometrics (EAB) awarded young researchers for their outstanding works in the area of biometrics.

[Full story](#)

Biometric Passport Data Interchange Standards



In July this year the International Standardisation committee on Biometrics Working Group 3 (ISO/IEC JTC1 SC37 WG3) has taken the decision to promote the new draft standard ISO/IEC 39794-1 Extensible biometric data interchange formats – Part 1: Framework to the next level,

[Full story](#)

Next events:

- November 9, 2018:** EAB Seminar on Biometric Data and the GDPR
- November 23, 2018:** Norsk Biometri Forum Meeting
- November 27 – 29, 2018:** TRUSTECH 2018 – Digital Trust Technologies
- November 27 – 29, 2018:** IPFC 2018 – International Face Performance Conference
- December 5, 2018:** EAB Biometrics in Banking Seminar: Do you really know your customer?
- December 7, 2018:** EAB Biometrics in Banking Seminar: Do you really know your customer?
- December 11, 2018:** German TeleTrusT

Special reports:

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EAB Biometric News, September 30, 2018

EAB General Assembly 2018 announcements



In the evening of 25 September 2018 the General Assembly of the European Association for Biometrics EAB met in Darmstadt. The full meeting minutes are available on the member area of EAB's website:

<https://www.eab.org/events/program/165>

Important decisions were:

Appointment of a Chief Executive and a Director

The Management Board, now renamed to Supervisory Board, appointed Michiel van der Veen as the Chief Executive of EAB. Michiel will head EAB's executive board (former secretariat).

Michiel van der Veen is an experienced executive and well known expert in the field of biometrics and digital identity. After a career at Philips Electronics, Michiel founded priv-ID, an early innovator in biometric and digital identity. It later merged with GenKey in 2011, with Michiel appointed CEO. Michiel led GenKey through multiple stages of growth to become one

of the most trusted brands in the market, providing Identity for Development. Michiel is also a regular industry contributor on digital identity and biometrics, along with future thinking about innovation and market trends. Michiel has a Ph.D from the Swiss Federal Institute of Technology (ETH Zurich) and further business education from Stanford.

Michiel will be supported by Frederik Kortbæk as a director. Frederik Kortbæk is an experienced professional with a passion to drive digital technologies taking into account the stakeholder interests, legal implications and the impact on society as a whole. After a career in the family business, Frederik was involved in many activities on a technical and political level both in Denmark and Europe. Highlighted activities are the Danish Data Protection Initiative conference with over 1,000 participant to date, collaborating with Prof. Dr. Christoph Busch to setup a one-of-a kind educational program at the Technical University of Denmark targeting the Nordic countries, participation in several European FP7 projects and chairman of the Danish Security Initiative and Danish Biometrics, one of the first research and knowledge networks on biometrics. Frederik Kortbæk has a law degree from University of Copenhagen.

Privacy expert Prof. Els Kindt was elected as member of the Supervisory Board

Els Kindt obtained a Ph.D in law from KU Leuven Belgium on the topic of data protection aspects of biometric technologies. She teaches European Data Protection Law en Electronic Contracts at KU Leuven Campus Brussel and is a senior researcher at Citip, KU Leuven. She is also a lawyer at the Brussels Bar. Els Kindt has been and is involved in various research projects, mainly funded by the EU Commission. Her area of research covers various domains including identity management, automated border control, biometrics and recently also new technologies for disaster management. She is also a (replacing) Member of the Belgian Privacy Commission at the National Registry Committee.

EAB is very proud that Els has joined EAB's Supervisory Board provide leadership, expertise and guidance on all legal and privacy related aspects of ID and Biometrics.

New structure of membership fees

The General Assembly also decided on a new membership fee structure. From 2019 on the categories will be:

- Industry (< 1 Mio) 475,00 EUR
- Industry (< 10 Mio) 1.250,00 EUR
- Industry (> 10 Mio) 2.750,00 EUR
- Government 1.250,00 EUR
- Academia/Association/NGO 475,00 EUR
- Individual 95,00 EUR
- Students 0,00 EUR

Please find more information on the discussions on the membership area of EAB's website: <https://www.eab.org/events/program/165>.

Please contact secretariat@eab.org should you issues in accessing the member area of EAB's website.

General Assembly 2019

The next regular General Assembly will be in Darmstadt along with the EAB-RPC 2019 on [17 September 2019](#).

EAB Biometric News, September 30, 2018

EAB awards three academics for excellence in European biometric research

Winners of the 12th European Biometrics Research Award 2018



On 26 September 2018 the European Association for Biometrics (EAB) awarded young researchers for their outstanding works in the area of biometrics.

An international jury chose 3 candidates out of a broad range of submitted high quality papers to present their significant contribution in front of the jury, the EAB members and the public audience.

This years European Biometrics Industry Award goes to Ruben Tolosana from Universidad Autonoma de Madrid, Spain for the thesis titled "Incorporating Touch Biometrics to Mobile Password".

This year the European Biometrics Research Award 2018 was divided and has been granted to both Rig Das from Roma Tre University, Italy and equally to Ester Gonzalez Sosa from the Universidad Autonoma de Madrid, Spain. Rig Das focused in his PhD-thesis "Deep Learning for Face and Vein Biometrics" on the applications of deep Learning techniques.

The PhD-thesis "Face and Body Biometrics in the Wild: Visible and Beyond" of Ester Gonzalez Sosa work addresses the hard problem of face recognition in the wild.

You can find presentations and thesis summary in the EAB awards hall of fame: https://www.eab.org/award/hall_of_fame.html

The corresponding news release is available for download: www.eab.org/files/press/EAB-News_release_award_winners-2018-09-29.pdf

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Biometric Passport Data Interchange Standards

Seeking comments by October 25



In July this year the International Standardisation committee on Biometrics Working Group 3 (ISO/IEC JTC1 SC37 WG3) has taken the decision to promote the new draft standard ISO/IEC 39794-1 Extensible biometric data interchange formats – Part 1: Framework to the next level, which is Draft International Standard (DIS).

This standard will be the technical framework for future Biometric Passport Data Interchange Standards. A core concept followed by the new standards is that encoding of biometric data will be done in an extensible data structure, as it is needed for future ePassports.

The current timeline agreed with ICAO is as follows:

- ISO/IEC 39794-1, -4 and -5 are expected to be finalized in December 2019.
- ICAO will adopt its 9303 specification by April 2020 and then refer to ISO/IEC 39794-1, -4 and -5

The second Committee Drafts (CD) of 39794-4 and -5 are posted and are now seeking technical comments. If you are working in the field of biometrics (finger- and face-recognition) please take a look at the current drafts, which you can find under the following URLs:

ISO/IEC 2nd CD 39794-4 Extensible biometric data interchange formats - [Part 4: Finger image data](#)

ISO/IEC 2nd CD 39794-5 Extensible biometric data interchange formats - [Part 5: Face image data](#)

Please consider to contribute with your comments to the discussion about these Committee Drafts. The comment resolution meetings are scheduled to take place in

[Fraunhofer-IGD](#), Darmstadt-Germany on

November 19 and 20

If you are interested, then please join your national standardisation body (and the respective [mirror-committee of SC37](#)) and submit your comments before 25th of October.

EAB Biometric News, September 30, 2018

EAB launches new strategic plan to build on early success

The European Biometrics Association (EAB) is launching a new strategic plan at its annual [Research Projects Conference](#) to continue its evolution as the region's leading association for driving innovative biometric technology and responsible biometric policy.

Source: www.biometricupdate.com/201809/european-biometrics-association-launches-new-strategic-plan-to-build-on-early-success



The European Biometrics Association (EAB) is launching a new strategic plan at its annual [Research Projects Conference](#) to continue its evolution as the region's leading association for driving innovative biometric technology and responsible biometric policy.

The plan, which is titled "Four Strategic Challenges," focuses on the main identity-related challenges currently facing Europe. The four challenges identified by the plan are: identity and migration, online identity, privacy, and inclusion. The association will address the challenges within the scope of its research and knowledge-sharing initiatives while retaining a neutral, non-partisan, non-profit approach.

The issue of identity and migration includes birth registration, the acceptance of IDs across national borders, and their use for services. The board of the EAB includes Rasa Karbauskaitė, who is Senior Research Officer and manager of the Future of Border Checks project for EU border agency Frontex. The issue of online identity takes in the challenges of what EAB

Chief Executive Officer Michiel van der Veen calls "the missing identity layer," and the currently fragmented market landscape. There are a number of types of online identity, and it is not clear what roles the market and governments will play in deciding among them, let alone which or what combination will become dominant. Privacy issues are evolving rapidly as GDPR comes into effect, but uncertainty about responsibilities and enforcement, as well as the role of approaches like Privacy by Design, will be examined by the EAB. The need for identity systems to be fully inclusive, and to avoid the risk of excluding people when incorporating digital identity as a means of accessing services, is the fourth cornerstone of the new EAB strategy.

The strategic plan builds on the momentum the EAB generated under the stewardship of late Co-founder and Secretary Max Snijder, van der Veen told *Biometric Update* in an exclusive interview. Van der Veen praises Snijder's efforts not just in starting the EAB, but in growing its membership and establishing its role as the region's leading independent forum for biometrics. The next steps for the organization involve refining its mandate to engage with European stakeholders on practical issues of regional importance, van der Veen says, in a way that would have been much less relevant, if possible at all, when the EAB was founded.

"It's all about much stronger focus on Europe. It is geographically bound, although identity doesn't stop at the border so of course we will talk to other regions," he notes. "We really plan to drive the agenda for Europe and take a leading position in the identity domain, to promote innovation, and to be in a sense independent of other regions."

The shift was already underway when van der Veen [took his new role in June](#), and through a series of consultations and conversations, the new strategic plan was formulated. In the process of carrying out that plan, EAB events serve as a means of achieving the organization's goals.

"It's very tempting to run a kind of dating agency as I call it," van der Veen explains. "You organize events and you invite one stakeholder and another stakeholder to bring them together."

Instead, van der Veen says the EAB will leverage the expertise of its membership, which includes professors, researchers, and other subject matter experts to take a substance-based approach to events. The EAB Research Projects Conference, which is taking place in Darmstadt, Germany, September 24 to 25, will also focus on the research projects which the organization is supporting. Currently the EAB is involved in 18 research projects, supported by roughly EUR 70 million (US\$82.4 million) in funding, of which van der Veen says about 93 percent comes from the European Union.

"These are projects run by a combination of academia and industry," he explains. "They come together, funded by the European Commission to work on a topic which is relevant for Europe. What we have done here is bundled all the identity related topics, and work with the EAB to disseminate the results, and inform the public on their status, and to involve stakeholders from the government, from industry, and from academia to learn what's happening. They will use the event to bring together stakeholders and inform the ID community of what's happening in Europe in terms of innovation."

The research projects are intended to advance innovation in biometric technology, but should also help the EAB and the broader European community to address the four strategic challenges identified by the EAB.

“The problems that are out there are so strategic that its in our interest to invest in those,” van der Veen comments. “For the EAB, we will work with the European Commission to bring all those results to the public.”

The EAB will attempt to increase its engagement with Eastern Europe, van der Veen says, and he draws inspiration from the geographical coverage, as well as the explosive growth of ID4Africa.

“If we can reach that level of footprint in Europe in a couple of years, then I think we are in the right track,” he says. “We can make sure that we roll out identity systems across Europe which are secure, which are private, which give benefits to the citizens. It is ultimately for the greater good of European citizens.”

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EAB 2018 Research Projects Conference report available for download



For the first year running the EAB and EC– DG–JRC have organized the unique EAB– RPC conference on European Research projects. The conference comes in a time where Identity and Biometric are important topics in Europe’s community for example in relation to the recent Facebook privacy scandal, the introduction of GDPR and the challenges around migration, border and refugees.

The conference hosted 17 EU research projects with a total budget of EUR 75,000,000, including BODEGA, LIGHT^{est}, IDENTITY, SWAN, AMBER, iBorderCtrl, SMILE, PROTECT, LETSCROWD, TRESSPASS, CybSPEED, FOLDOUT, FACCESS, Smart–Trust and QuardCard with the aim to present innovations in ID & Biometric related to border, migration, mobile and privacy.

The conference report is online available at: <http://z.eab.org/RPC18report>

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LIGHT^{est} project announced at EAB-RPC a partnership with UNHCR



Rachelle Sellung (University of Stuttgart IAT/ Fraunhofer IAO) presented the Lightweight Infrastructure for Global Heterogeneous Trust management in support of an open Ecosystem of Stakeholders and Trust schemes (LIGHT^{est}), which is a Horizon 2020 funded EU project.

The objective of LIGHT^{est} is to create a global cross-domain trust infrastructure that renders it transparent and easy for verifiers to evaluate electronic transactions and trust decisions. The presentation highlighted a good example of the valuable impact of the EAB-RPC: As LIGHT^{est} was presented already in EAB-RPC-2017, the project consortium was invited in 2018 by the UNHCR to apply the LIGHT^{est} Infrastructure to the DAFI Scholarship program for their refugees wanting to go to college.

The slides of the presentation are available at:

https://www.eab.org/upload/documents/1447/03-2_LIGHTest_Sellung.pdf

For more information on the collaboration, please read the following blog article. <http://www.unhcr.org/blogs/new-digital-solutions-refugees-education/>

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ICAO Technical Report on Face Quality

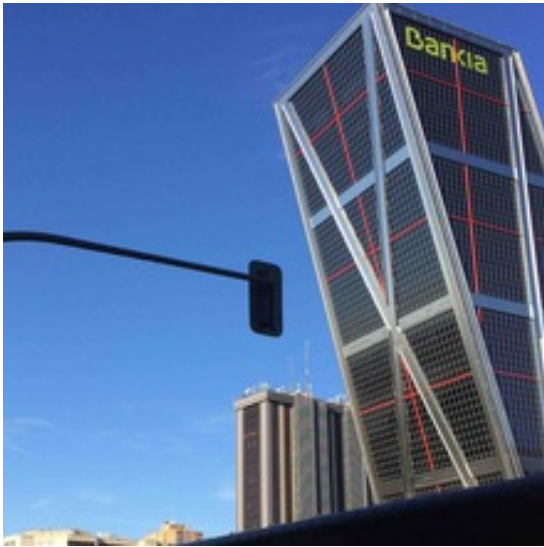


For the reliability of Automated Border Control (ABC) systems the quality of digitally stored images in electronic travel documents is of crucial importance, as the biometric face recognition can only provide good accuracy, if the facial reference data is meeting the best practice recommendations.

ICAO has now published its April 2018 Technical Report (TR) on requirements for portrait capturing in the passport application procedure and enrolment of biometric reference data for electronic MRTD. The TR describes how portrait images should be captured in order to satisfy the needs of ISO/IEC 19794-5 and ISO/IEC 39794-5 data structures. You can read the full report on the [ICAO website](#).

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Iberoamerican Congress on Pattern Recognition



The IAPR 23rd Iberoamerican Congress on Pattern Recognition (CIARP 2018) will take place on November 19–22, 2018 in Madrid, SPAIN

For more information see:

<https://atvs.ii.uam.es/ciarp2018/>

CIARP-2018 is devoted to all aspects of pattern recognition, computer vision, multimedia and related fields. CIARP 2018 is endorsed by the IAPR, the International Association for Pattern Recognition, and AERFAI, the Spanish Association for Pattern Recognition.

With +180 full-papers received, we expect a diverse and high quality program. The program will feature various round tables and targeted sessions on industry-academia cooperation and research funding opportunities; as well as various hands-on tutorials on top-notch technologies (e.g., recent advances in deep learning).

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NIST IFPC 2018 announced



Following the IBPC-conference series, the US National Institute of Standards and Technology (NIST) has announced the International Face Performance Conference (IFPC) 2018, which will take place in Gaithersburg from November 27 to 29. EAB will support the conference as co-organizer.

The conference 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, presentation attack detection, non-cooperative uses, accuracy measurement and performance tests.

For more information visit: <https://www.nist.gov/news-events/events/2018/11/international-face-performance-conference-ifpc-2018>

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FIDO Alliance launches biometrics certificate programme

The FIDO Alliance has announced its Biometric Component Certification Programme – calling it the first such Programme for the industry at large.

FIDO said the Programme utilizes accredited independent labs to certify that biometric subcomponents meet globally recognized performance standards for biometric recognition performance and Presentation Attack Detection (PAD) and are fit for commercial use.

The FIDO Alliance aims to deliver several benefits to providers and users of biometric recognition systems through the new Biometric Component Certification Programme. Until now, due diligence was performed by enterprise customers who had the capacity to conduct such reviews.

This required biometric vendors to repeatedly prove performance for each customer. The FIDO Alliance Programme allows vendors to test and certify only once to validate their system's performance and re-use that third-party validation across their potential and existing customer base, resulting in substantial time and cost savings. For customers, such as regulated online service providers, OEM's and enterprises, it provides a standardized way to trust that the biometric systems they are relying upon for fingerprint, iris, face and/or voice recognition can reliably identify users and detect presentation attacks.

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EAB Banking Seminar 2018

Where Biometrics meets fintech?



Join us for this years EAB Banking Seminars to debate one of the biggest questions facing FinTech and online services – "Do you REALLY know your customers?"

Seminars are attended by the financial sector and ID industry and will take place between September and December 2018 in Europe's financial capitals.

We will discuss the latest trends that are helping to improve customer ID security, such as blockchain, AI and smartphone biometrics; share best practice models; and assess the impact of new legislation, like GDPR.

The Amsterdam Banking Seminar will be held on 2018-12-05, in the headquarter of ABN AMRO. The program and registration details can be found on our [website](#).

The Frankfurt Seminar will be co-organized by Bitkom and hosted by Mastercard. Once available, the date will be published.

Information on the other events will be announced as soon as possible. Entries are now open for biometrics and ID vendors to attend, share insights and demonstrate new product releases to a targeted audience from the financial sector. Please contact the event chair, Michiel van der Veen, for more information.

Contact

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