



EAIE | HELSINKI
24-27 SEPTEMBER

[in](#) [f](#) [t](#) #EAIE2019

Welcome to session 07.17

IMPLEMENTING THE EUROPEAN STUDENT CARD



EAIE | HELSINKI

24-27 SEPTEMBER

[in](#) [f](#) [t](#) #EAIE2019

Victor Aguilar

European University Foundation (EUF)

WHO?

Jean-Paul Roumegas

French National Center for Student Affairs (Cnous)

Dr. Tamás Molnar

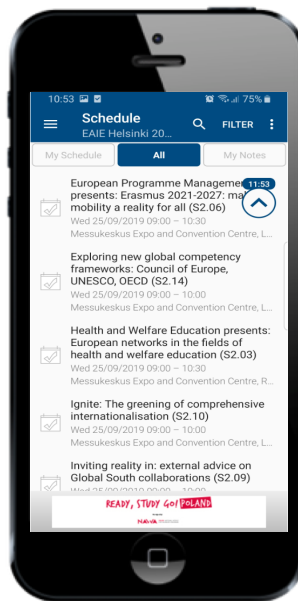
Humboldt University of Berlin

How attendees can participate (1)

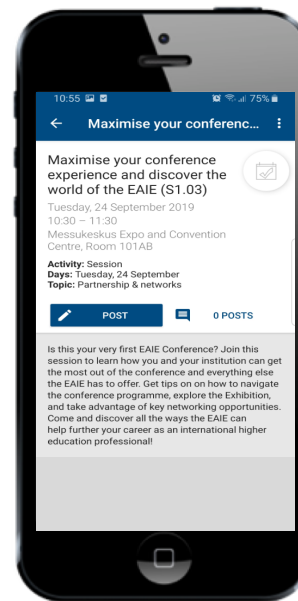
You should download the EAIE Events App and select the session you are in. At the bottom of the session information, you can find a link leading you to the polling feature.



1. Open up the EAIE Events app.



2. Choose the session name.



3. Follow the link under resources

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How attendees can participate (2)

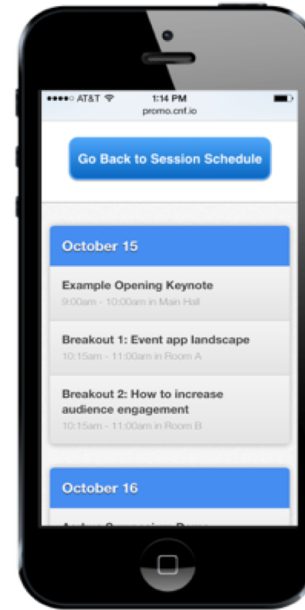
Alternatively, you can navigate to the poll URL eaie2019.cnf.io using any device with an internet browser (smartphone, tablet, laptop, etc). There is nothing to download or install.



1. Open up web browser (Safari, Chrome, etc.)



2. Type in the URL for the event in the browser bar



3. Click / Tap on your session from the schedule page

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Live Content Slide

When playing as a slideshow, this slide will display live content

Poll: How many saunas are there in Finland?

Live Content Slide

When playing as a slideshow, this slide will display live content

Poll: Have you heard of the European Student Card Initiative?

Live Content Slide

When playing as a slideshow, this slide will display live content

Poll: What is the goal of the European Student Card Initiative?

A banner for the EAIE 2019 Helsinki event, held from September 24-27. The banner features a photograph of a modern glass and metal building at night, with people walking in the foreground. The text 'EAIE 2019 | HELSINKI' is prominently displayed in blue, with '24-27 SEPTEMBER' below it. There are decorative white and red concentric circle patterns on the left and right sides of the banner.

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Political and policy context

Graeme Robertson-Liersch
European Commission (DG EAC)



The European Education Area by 2025

- Spending time abroad to study and learn is standard
- School and higher education diplomas are automatically recognised across the EU
- Speaking two languages, in addition to one's mother tongue, is the norm
- Educational excellence is a reality for all, irrespective of people's socio-economic background
- People have a strong sense of their identity as Europeans and of Europe's cultural heritage and its diversity.

Enriching lives, opening minds

through EU-funded learning opportunities abroad, partnerships, support to reform

2014 - 2020

14.7 billion EUR

Opportunities abroad for over
4 million people



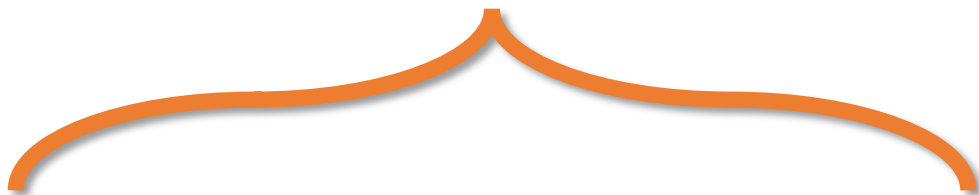
2021 - 2027

30 billion EUR

Opportunities abroad for over
12 million people

Future Erasmus Programme: Supporting the creation of a European Education Area

European Student Card Initiative



Digitising student mobility
administration processes

Rolling out the “European Student Card”
and enabling mobile students to gain
access to campus and other services





The European Student
Card initiative will **NOT**
produce a new **physical**
card to replace existing
student cards!

Supporting bottom-up projects

- *Erasmus Without Paper*
 - Digitising administrative processes, secure data transfer between higher education institutions, and single entry point for administrators
- *Erasmus+ Mobile App*
 - Single entry point for students
- *MyAcademicID*
 - Developing unique student identity numbers and secure online authentication services
- *European Student Card project*
 - Turning existing student cards into European Student Cards



Erasmus+



Live Content Slide

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Poll: As of today, how many years do you think it will take to implement the ESC Initiative?



Timescales and next steps

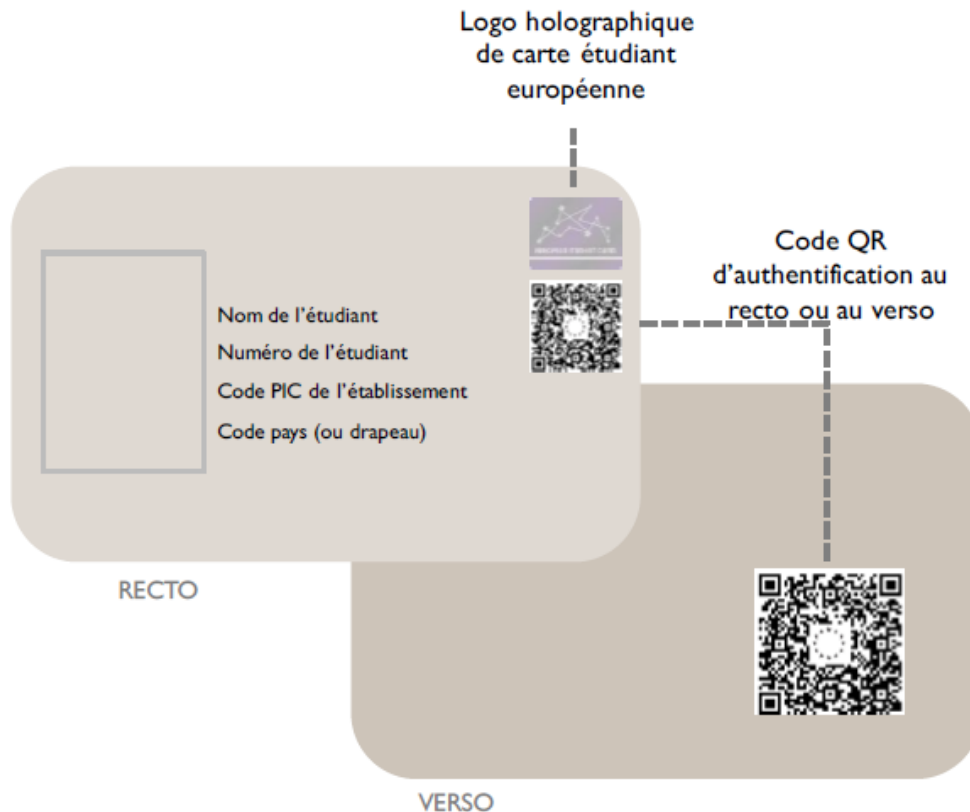
- Erasmus Without Paper and enhanced E+ mobile app to be ready for start of new Erasmus programme
- Mandatory use of electronic data transfers being staged in from 2021 (*if tools are fit-for-purpose*)
 - 2021 – Online Learning and Inter-Institutional Agreements
 - 2022 – Nominations
 - 2023 – Transcript of records
- Over 1,000 universities already using parts of Erasmus Without Paper system
- European Student Card project – hear all about it now!



**THE EUROPEAN
STUDENT CARD**

The European Student Card Project

graphic « European Student » identity and electronic recognition



Hologram



The identifiers

- **ESI** - European Student Identifier

Country Code (ISO3166-1) + Institution Code + Local student number

Example: FR-999859608-1234567890GESCN

- **ESCN** - European Student Card Number

- Local generation without connection required
- Uniqueness of algorithm guaranteed number (RFC-4122)
- Library available for .NET and Java
- Example: 6a01dfc0-cb98-1035-a19b-001999859608

To Do List

- Put a hologram on the existing cards and a QR code
- Request the creation of an account on the ESCR

<https://router.europeanstudentcard.eu/register>

Once connected

- **API Key**
- **API Documentation**
- **ESCN Generator**
- **QR Code specifications (next : chip specifications)**
- **Application form for holograms**
- **Instructions for adding services**

THE PROJECT

The European Student Card will simplify the mobility thanks to the recognition of the student status. → See underneath status report and pilot plan of action.

[READ MORE →](#)

COUNTRIES



STUDENT



INSTITUTIONS



SERVICES



HOW IT WORKS



FAQ



MEDIA GALLERY



CALENDAR



Roll out



- **Connecting universities**
- **Integration of services :**
 - multiservices student cards on campuses
 - National and cross borders services : e payment
 - Working groups
- **Authentication by eduGain identity federation**
- **Bridge with eIDAS e ID and access to services off campus**
- **Recognition by services providers : regions, cities, private providers**
- **Link with other initiatives : European Youth Card Association, etc...**
- **Converging projects : my academic ID – unique identifier for data exchange between HEI and service providers**
- **Towards a EU Student core services platform**

A banner for the EAIE 2019 Helsinki event, held from September 24-27. The banner features a photograph of a modern building with a large glass facade and a curved roof. The text "EAIE 2019 | HELSINKI" is prominently displayed in blue, with "24-27 SEPTEMBER" below it. The background is a dark blue gradient with white and red concentric circle patterns on the left side.

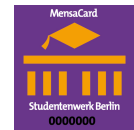
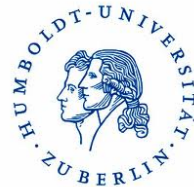
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The Campuscard Berlin

Best Practice for the ESC

The largest unified System in Europe



9 Universities – 1 Card – Many Functions



Electronic Payment System

- Usable at all canteens of the Berlin Studierendenwerk
- Usable for paying for printing services, late fees at libraries



Library Integration

- Usable for all library functions with RFID or Barcode
- Alliance-wide compatibility (register once – use all)



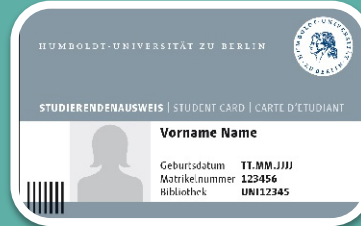
Transport Ticket

- Optical ticket with TRW Technology
- Electronic Ticket from 2020

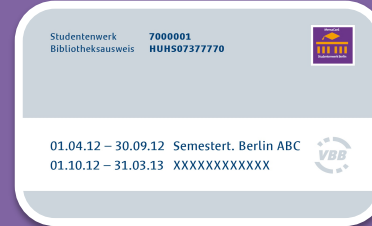
The Process



QR-code – received
(electronic or postal
delivery)



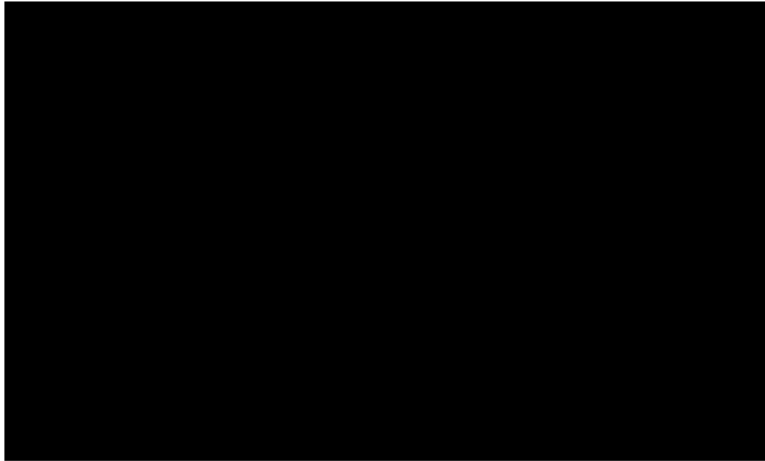
Card - received
Through the terminal
(30 terminals in Berlin)



Card - validated
Through TRW kiosk
(45 kiosks in Berlin)



How does this work?



Summary

Cost-Efficient

- Simple Processes
- Highly Automated
- Minimal Human Resource Requirement

Scalable

- Usable for HEIs of shapes and sizes
- Easily Customizable
- Single to Mass Printing

Modifiable

- Made bei HEIs for HEIs
- Connect any Student Information System

Networked

- European Student Card (ESC)
- European Student Card Association (ECCA2020 Berlin)

The Future – Campuscard-on-Smartphone

Phase 1 – 2020 Q2

- Companion App
- QR-Code
- Map
- Erasmus+ Link



Phase 2 – 2021 Q1

- Enhanced Companion App
- Link of Card and App
- Card Control in App
- eIDAS Link



Phase 3 – After 2021

- Virtual Card in App
- Full compatibility
- NFC Payment
- NFC Library access
- Aztec Code Transport Ticket

Live Content Slide

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Poll: In the future, would you support the introduction of electronic student cards in your university?

What can I do today?

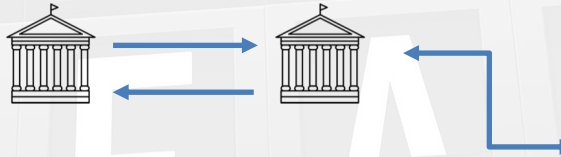
1. Connect your HEI to the ESC-R



2. Connect to the Erasmus Without Paper infrastructure



- a. Directly
- b. Via the Erasmus+ Dashboard
- c. Via a third-party service provider



3. Download the Erasmus+ Mobile App





What's next?



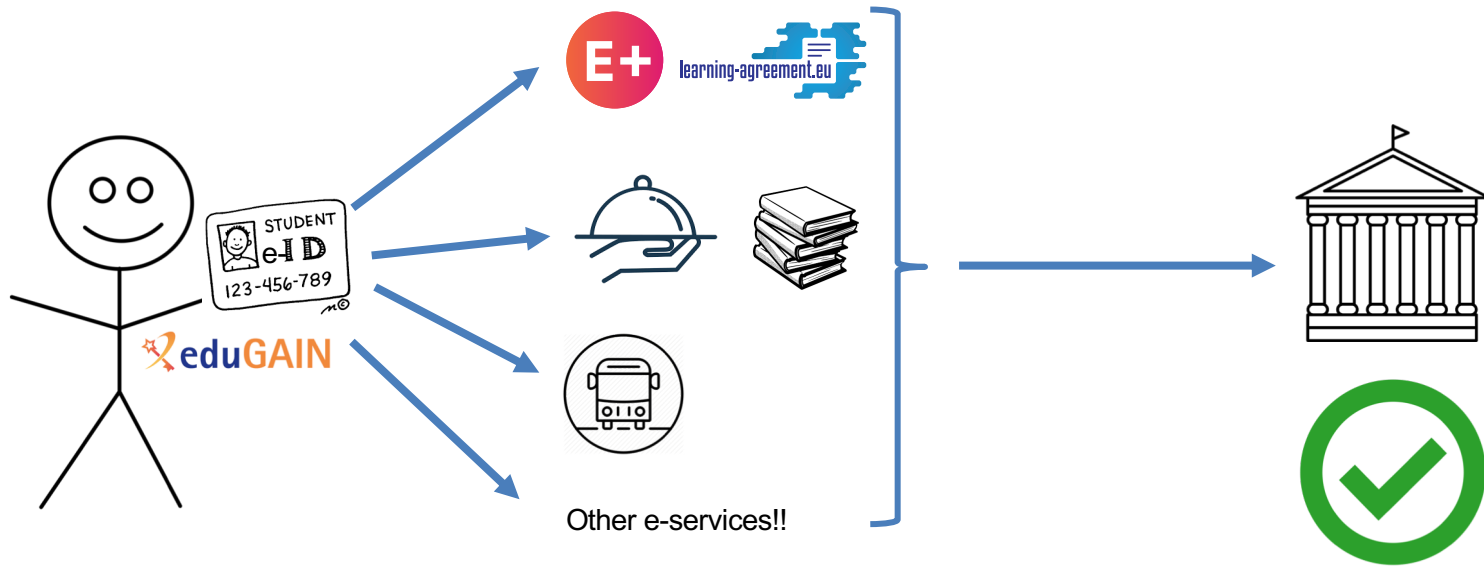
A European student eID scheme for higher education

- Federated electronic authentication
- Cross-border access to e-services
- Strengthened student status



What will this look like in practice?

Use case 1: access to e-services



What will this look like in practice?

Use case 2: registration at HEIs





Electronic student authentication



Student identification



One-stop-shop for mobile students



Exchange of electronic student information between HEIs



- Secure and seamless exchange of information
- Reliable student identification and authentication
- Reuse of existing digital structures
- Online management of mobility process
- Access to e-services through single sign-on
- Reinforced student status
- Reduced administrative burden



Benefits

Live Content Slide

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**Poll: Use one word to describe how you
feel towards the European Student Card
Initiative**



Want to learn more?

@EAIE

[SESSION 07.12](#): Paperless Erasmus: digitalising your student mobility workflow by 2021

Thursday 26 Sept: 14:00-15:00

[SESSION 09.01](#): Erasmus virtual assistant: study choices matter

Friday 27 Sept: 09:00-10:00

European Commission Booth – Stand H09

Any time!

October 8, 2019

Slide 41

	2016	%Growth
15	108,287	-11%
16	91,938	-37%
17	125,819	+42%
18	278,161	+78%
19	11,827	+18%

Towards a European student eID

Mid-term conference



November 20 - 21



Berlin, Germany



Co-financed by the Connecting Europe
Facility of the European Union



Thank
you!

Reach out!

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jean-paul.roumegas@cnous.fr

tamas.molnar@cms.hu-berlin.de

Resources

[European Student Card Initiative](#)

European Student Card Project

<https://europeanstudentcard.eu/project/>

Campus Card Project

<https://campuscard.berlin/>

Erasmus Without Paper

<https://www.erasmuswithoutpaper.eu/>

MyAcademicID

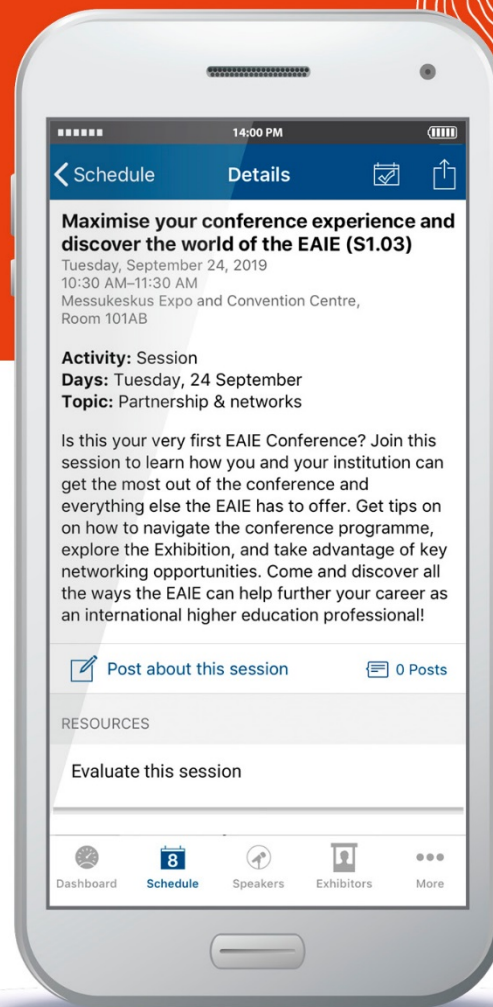
<http://www.myacademic-id.eu/>

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Your feedback is appreciated!

Evaluate this session

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2. Go to **Schedule** and find this session
3. Scroll to the bottom of the session description
4. Click **Evaluate this session** to answer a few questions



Only takes a few minutes!