



Authentication and Authorisation for Research and Collaboration

SA1: Pilots on community-driven use-cases and on infrastructure AAls integration

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EGI Conference

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Amsterdam

Structure SA1

Activity Leader

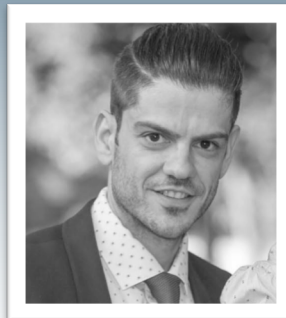


Arnout Terpstra
SURFnet

T1: Pilots with user communities

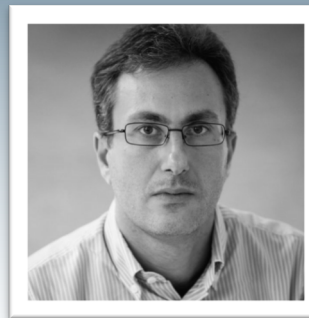


Mario Reale
GARR



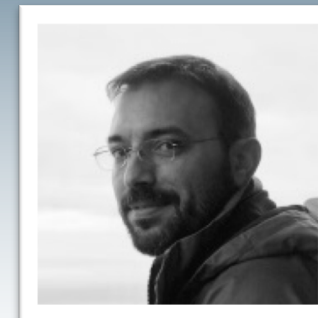
Ioannis Igoumenos
GRNET

T2: Support e-Infrastructures



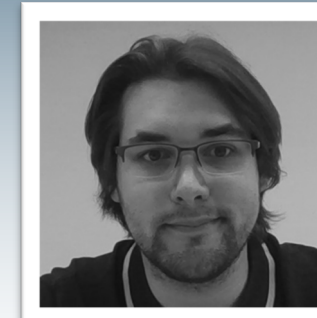
Diego Scardaci
EGI

T3: Piloting advanced use cases



Kostas Koumantaros
GRNET

T4: Showcases, deployment scenarios & documentation



Simone Visconti
RETI

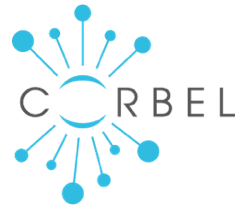


21 Partners



9 Research communities

4 Generic e-infrastructures



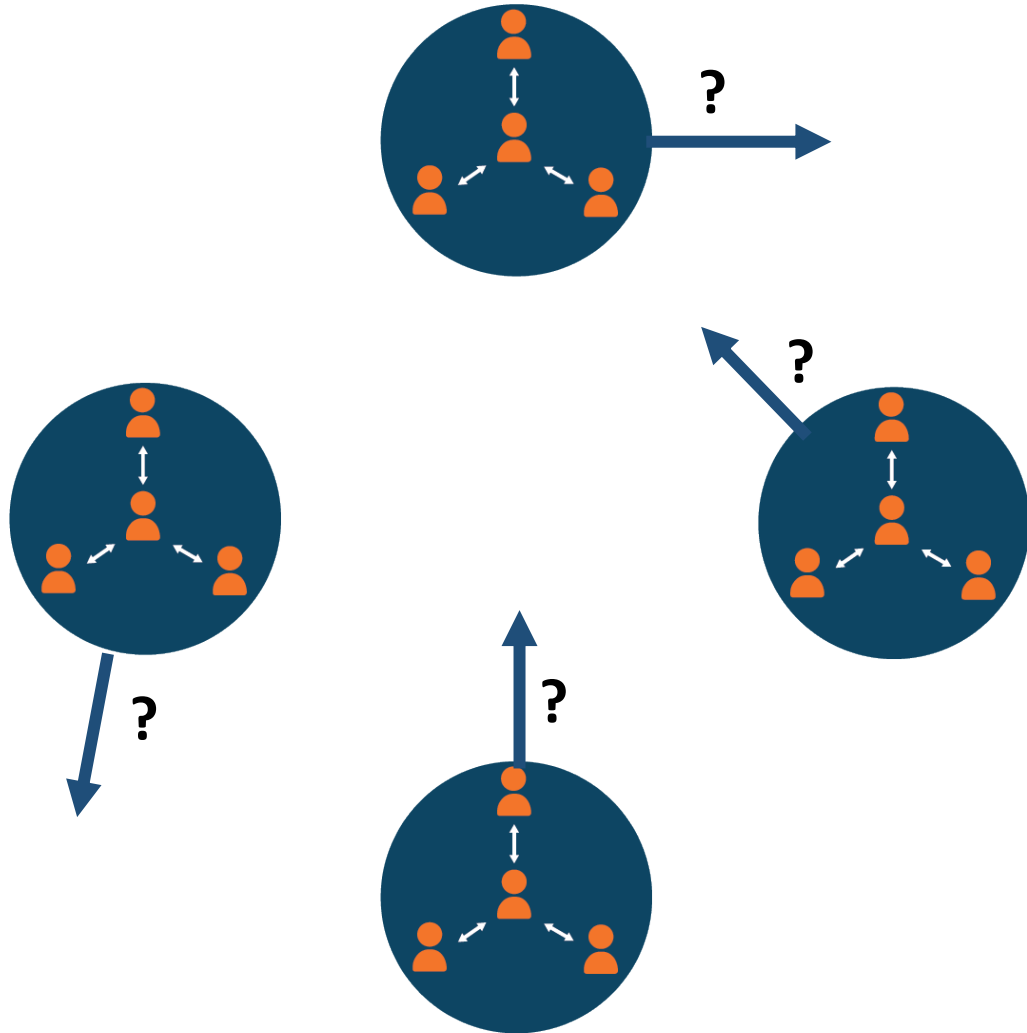
Use cases that drive SA1

Research Communities should not re-invent the AAI wheel



- 9 Research communities with high impact committed to AARC
- All dealing with access management issues but often lack in-house expertise on AAI
- Where to start?
- How to harmonize AAI with other research communities?

Use cases that drive SA1 Research Communities should not re-invent the AAI wheel

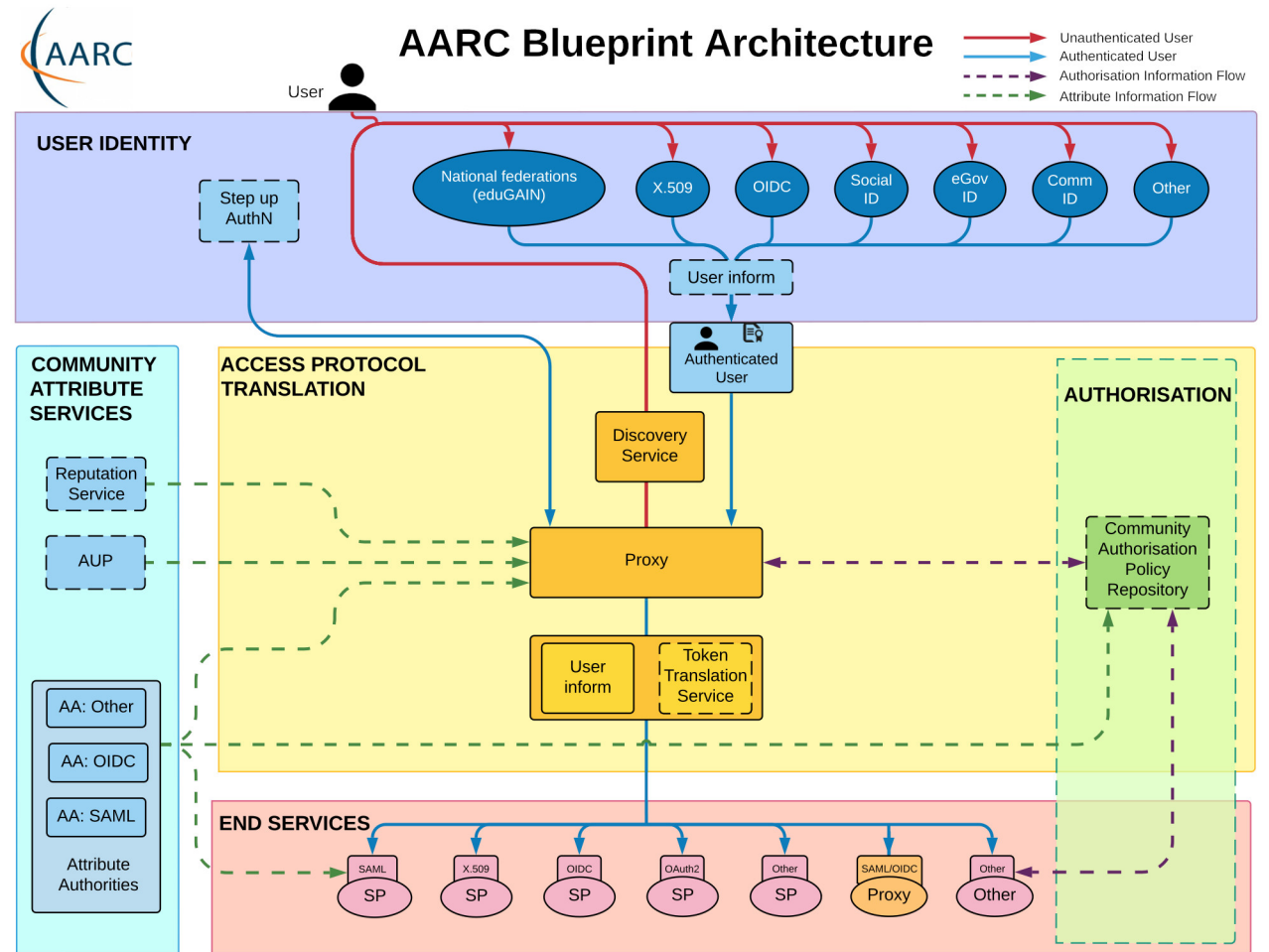
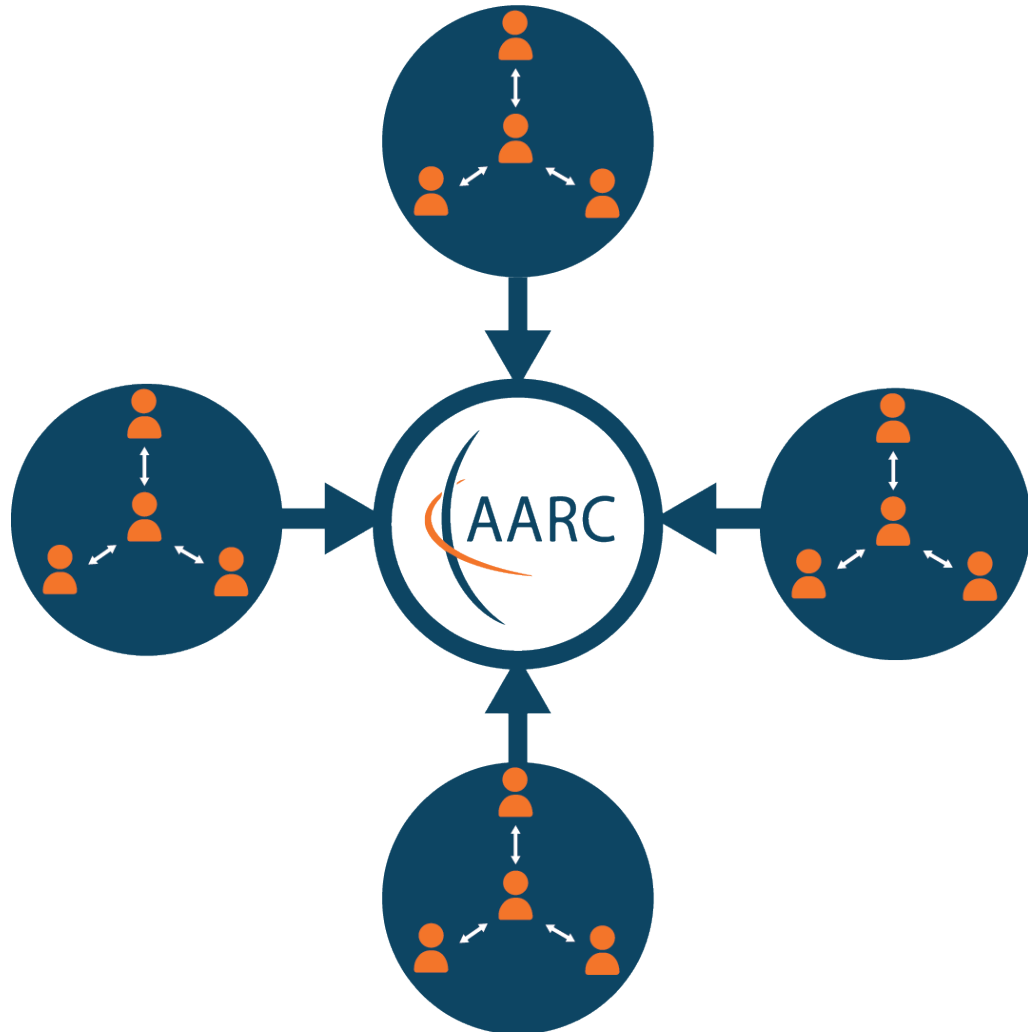


Research Communities need directions...

- Architecture?
- Available technologies?
- Applicable policies?
- Migrating from current setup to federated AAI?
- Harmonise AAI with other infrastructures?

Use cases that drive SA1

Research Communities should not re-invent the AAI wheel



High-level objectives of SA1: Pilots on community-driven use-cases and on infrastructure AAls integration



To support infrastructures with establishing an **overarching AA infrastructure** based on the **AARC Blueprint Architecture**



To further consolidate the results of AARC1 and **improve technical readiness levels** of AAI components.

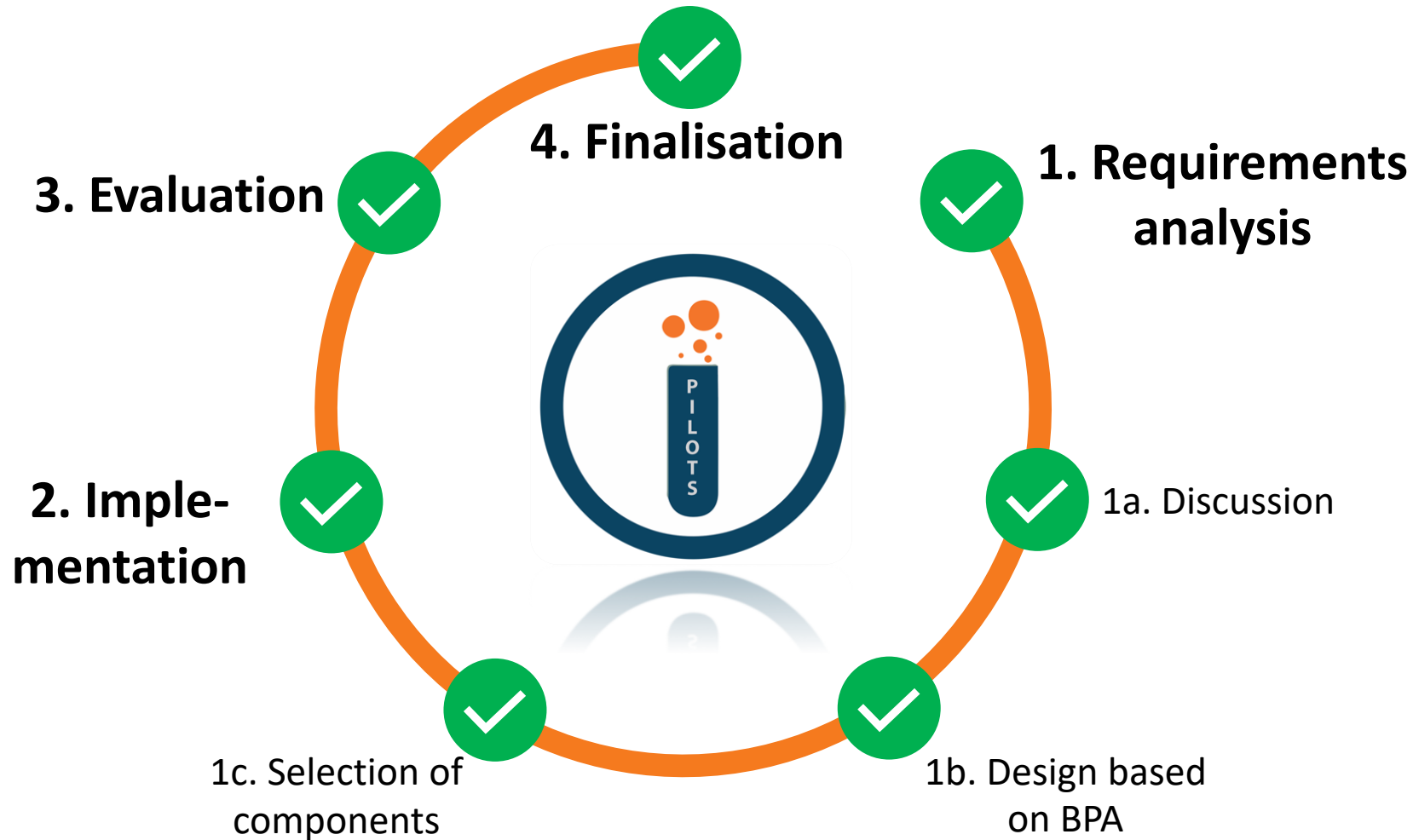


To introduce and test new emerging AAI solutions and approaches and **show their viability in real life practice.**



Improve the adoption of proposed tools and approaches at the research communities and e-infrastructures and check whether it satisfies their needs.

Pilot cycle: from community requirements to (pre-)production AAI



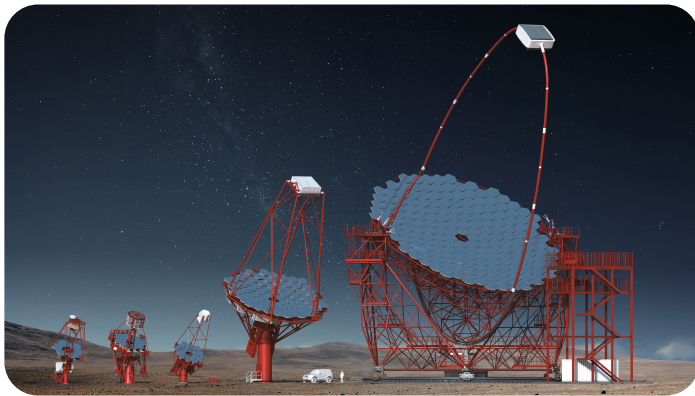
AARC plugfest 2018 pushes pilots forward...

24th April 2018 | Written by Paul van Dijk



Mapping research community requirements and components to the AARC blueprint architecture. The value of face-to-face workshops was proven again when representatives from research communities worked with AARC project experts on authentication and authorisation infrastructures (AAI) in a project 'plugfest'. Insights were gained into their use c [...]

About CTA



The Cherenkov Telescope Array (CTA) is the next generation ground-based **observatory for gamma-ray astronomy** at very-high energies. With **more than 100 telescopes** located in the northern and southern hemispheres, CTA will be **the world's largest and most sensitive high-energy gamma-ray observatory.**

Drivers for AAI



- Onboard the CTA community on federated identity



- Highly available access management solutions

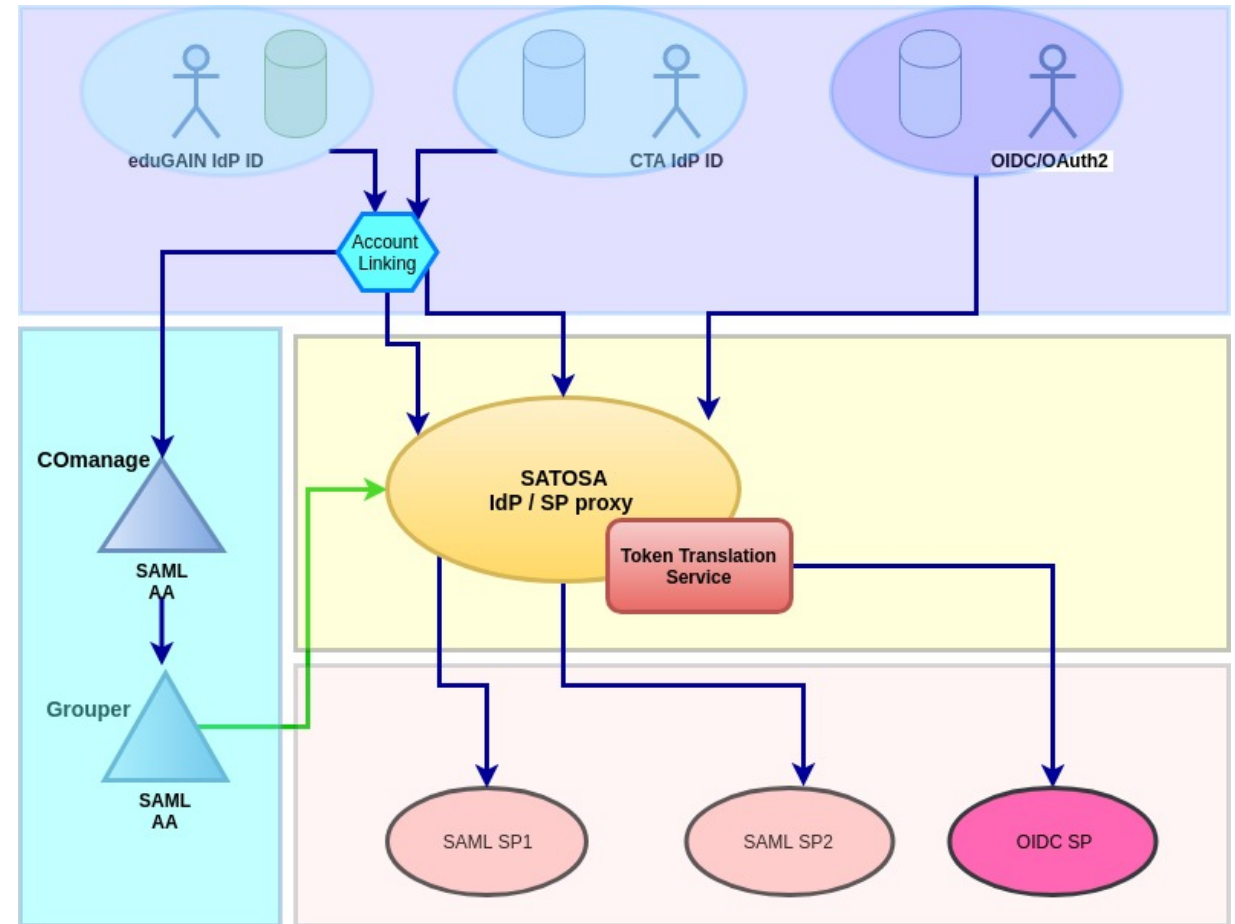


- A sustainable approach for access management

Need for:

- TIER-like components (COmanage, Grouper)
- An IdP/SP proxy to work for integration

- Successfully onboarded the whole CTA community
- Integrated COmanage and Grouper for attribute management and finely grained authorisation
- Support for legacy Service Providers
- Generation of the required ePUIID as a unique, reliable identifier for the CTA users
- Identity linking between already existing CTA IDs and eduGAIN identifiers



Thank you

Any Questions?

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<http://aarc-project.eu/>

