

# GÉANT Open Call Projects

Open Call research is helping pave the way for the next generation of services, applications and uses for networking and supports the aims of Horizon 2020 and the challenges of the data deluge.

[www.geant.net/opencall](http://www.geant.net/opencall)



## INNOVATION PROGRAMME

### GÉANT - TrustBroker | New federation services and protocols for dynamically building trust in the R&E community

#### Our goal:

- Extend existing workflows and protocols to automate most of the configuration steps
- Let users trigger these workflows
- Submit protocol to standardization

#### Motivation:

Today's federation solutions require:

- Manual trust setup and IdP/SP configuration
- Manual inter-federation user attribute conversion

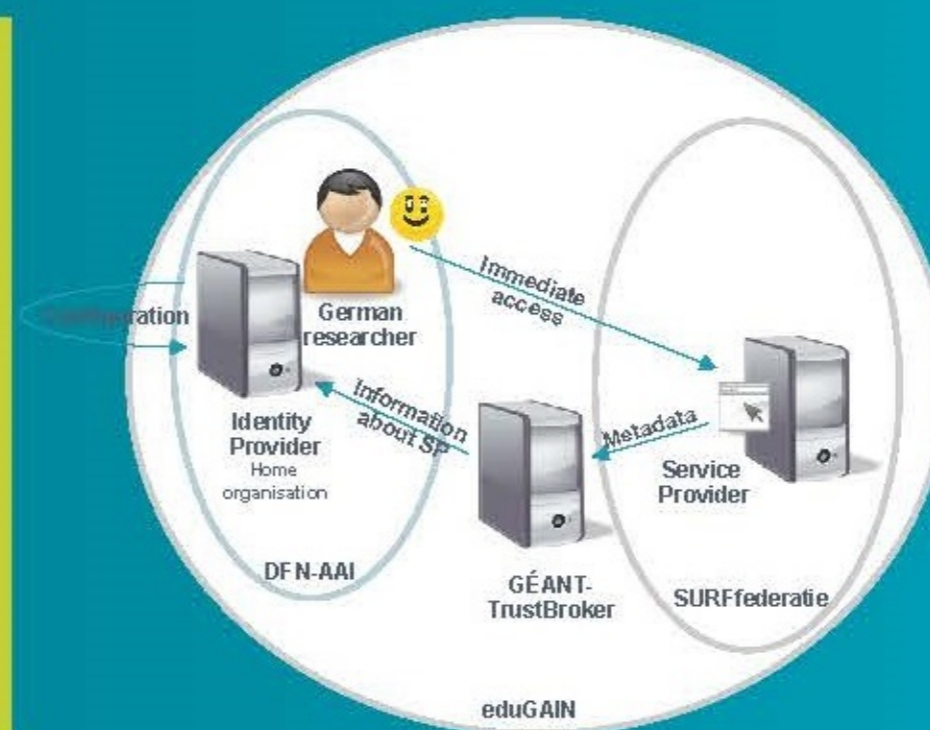
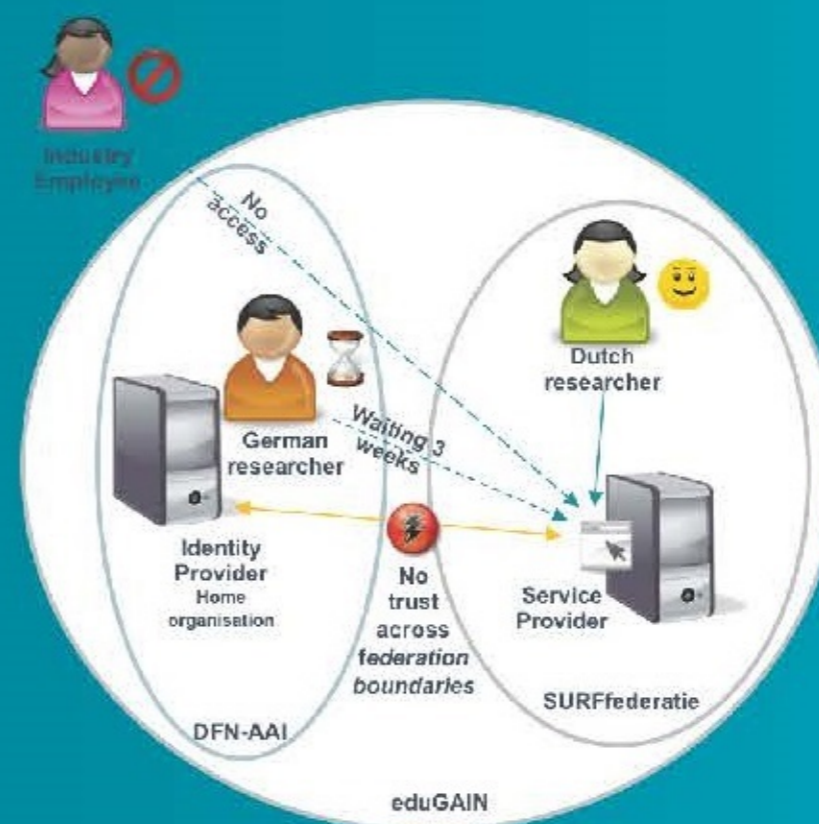
Resulting issues:

- Users have to wait before they can login to the service
- International communities prefer to set up their own federation over NREN-AAIs
- IdP/SP administrators have much tedious work

#### Our approach:

The new GÉANT Trustbroker service

- automates on-demand metadata exchange across federation borders
- provides a smart rule repository for user attribute conversion



Leibniz Supercomputing Centre  
of the Bavarian Academy of Sciences and Humanities

#### Project team:

Daniela Pöhn  
Stefan Metzger  
Wolfgang Hommel

#### Contact:

[geant-trustbroker@lists.lrz.de](mailto:geant-trustbroker@lists.lrz.de)