



# Victoria Interop, May 2018

## Overview of recent activities within the RDA

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# The Group of European Data Expert in RDA

## About



### Research Data Alliance

*The Research Data Alliance (RDA) builds the social and technical bridges that enable open sharing of data.*

*The RDA vision is researchers and innovators openly sharing data across technologies, disciplines, and countries to address the grand challenges of society.*

Composed of members of ~50 EU research infrastructure + international data experts (USA, Australia, China,...)

CG

### **i** Group details

**Status:** Recognised & Endorsed

**Chair (s):** Peter Wittenburg, Maggie Hellström, Carlo Maria Zwölf

Capture rectangulaire



The aim of the **Group of European Data Experts in RDA (GEDE-RDA)** is to promote, foster and drive the discussions and consensus forming on creating guidelines, core components and concrete data fabric configuration building based on a bottom-up process. To achieve these goals GEDE-RDA is composed of a group of European data professionals appointed by invitation from various Research Infrastructures, e-Infrastructures and European co-chairs of Research Data Alliance (RDA) Groups. GEDE-RDA will operate within the global RDA framework thereby guaranteeing that the discussions are openly communicated and publicly accessible to the global community of experts – the RDA members.

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Produced a document gathering wide consensus on best practices for assigning and using **Persistent Identifier** in sciences:

[https://zenodo.org/record/1116189#.WwxWj\\_ZFwe4](https://zenodo.org/record/1116189#.WwxWj_ZFwe4)

DOI 10.5281/zenodo.1116189



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Future actions aims at bringing wide consensus on :

- Dealing with research Digital Objects
- Convergence between existing recommendations and best practices for data citation
- Blockchain application for data provenance & reproducibility

# The Federation Identity Management IG activities

## Federated Identity Management

[Home](#) » [Working And Inte](#)

IG

### Group details

**Status:** Recognised & Endorsed

**Chair (s):** [Carlo Maria Zwölf](#), [Hannah Short](#)

**TAB Liaison:** [Andrew Treloar](#)

**Case Statement:** [Download](#)



IG Established

[History](#)

A strategic element to maintaining a competitive advantage in research is by focussing energies in areas of innovation, which is facilitated by sharing of resources and support of inter-disciplinary collaborations at the national and international levels. The primary impediment to this resource sharing and collaboration is the lack of an effective FIM (Federated Identity Management) ecosystem. The FIM interest group (FIMig) is an international cross-domain interest group to work on all issues related to the use FIM for the implementation of AAls (Authentication and Authorization Infrastructures) in research infrastructures.

RDA extension of the *Federated Identity Management for Research Forum* ([fim4R.org](http://fim4R.org))

# The Federation Identity Management IG activities

RDA extension of the *Federated Identity Management for Research* Forum (fim4R.org)

## Who is represented?

### Research Fields

- High Energy Physics
- Life Sciences
- Humanities
- European Neutron and Photon Facilities
- Climate Science
- Earth Observation (EO)
- Gravitational Wave Astronomy
- Nuclear Physics
- Gamma-Ray Astronomy
- Infectious Disease Research
- Radio Astronomy
- Virtual Atomic and Molecular Data Centre
- Ionospheric and Atmospheric Science

### Experiences from Research Driven Services

- ORCID
- HNSciCloud

### Identity Federation Projects/Communities

- AARC (Authentication & Authorisation for Research Collaboration, European Commission Project)
- GN4 (GEANT 4, European Commission Project)
- REFEDS (Research and Education Federations Group)

# The Federation Identity Management IG activities

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## Current Status of FIM4R v2

- Requirements have been gathered since September 2017 in the RDA context (plenaries & mailing list)
- Research Communities are finishing their contributions to the paper
- Aiming to publish it soon (end of June) as an RDA supported document