



RESEARCH DATA ALLIANCE

# RDA GEDE Webinar

## Interoperability through Digital Objects and Digital Object Interface Protocol

7.12. 2018 from 14.00--16.00 CET

Peter Wittenburg

Max Planck Computing & Data Facility

RDA, GEDE (Delegates from 47+ EU Infrastructure Projects)

GEDE Digital Objects: <https://rd-alliance.org/group/gede-group-european-data-experts-rda/wiki/gede-digital-object-topic-group>

Interoperability in the data domain is an urgent requirement (RDA, FAIR), but ...

- At which level can we achieve convergence?
- How can we convince the thousands of bright minds working hard on „creolisation“ at all levels?
- How to standardise without hampering innovation?
- How to implement an EOSC eco-system of infrastructures?
- Is the level of Digital Objects the right level and what does it solve?

# Agenda

14.00 Welcome & Introduction

14.05 Larry Lannom (Vice-President CNRI)

**Digital Object Infrastructure for Managing Scientific Data**  
**What is it?**

14.25 Dimitris Koureas (Director Int. Biodiversity Infrastructures)

**Digital Objects: The Science Case**  
**Why should we do it?**

14.45 Christophe Bianchi (Executive Director DONA)

**DOIP V2.0 - Basic Specification Aspects**  
**How to do it?**

15.05 Open Discussion (Moderator: Peter Wittenburg)

# GEDE DO Plans

- another webinar in **January** with same content & setup
- a webinar in **March/April** on implementation of DO/DOIP
  - how does DOIP work
  - how to adapt a repository
- **ongoing** support of colleagues already implementing aspects of a DO-based infrastructure in some ESFRI projects (C2CAMP)
- submitting the EUDOn networking proposal (**April**)
- working hard on EU project proposals (**2019**)
  
- the US colleagues already got 2 grants

# Open Questions

- At which level can we achieve convergence?
- How can we convince the thousands of bright minds working hard on „creolisation“ at all levels?
- How to standardise without hampering innovation?
- How to implement an EOSC eco-system of infrastructures?
- Is the level of Digital Objects the right level and what does it solve?
- What does it solve and what not? Does it solve semantic interoperability?
- What is needed to build it – who has to invest what?
- Do DOs offer a path towards automation?
- Is it something that helps to maintain a stable digital domain for the next 100+ years?
- Do we need containers/packaging (small big/small/collections)?
- Is DOIP V2.0 now fixed or what is its status?