NATIONAL GRADUATE INSTITUTE FOR POLICY STUDIES

GRIPS Innovation, Science and Technology Policy Program

The 140th GIST Seminar

"The OpenAIRE Graph: Supporting Research Intelligence through Open Data"

Speaker:
Dr. Andrea Mannocci



Staff researcher, CNR-ISTI

- **Date:** **18:30-20:00, *Thursday, March 12, 2026* (Doors open at 18:00)**
- **Venue:** **4th Floor, Room 4A, GRIPS (On-site / Online Hybrid Format)**

  7-22-1 Roppongi, Minato-ku, Tokyo
  https://www.grips.ac.jp/en/about/access/
- **Organizer: GRIPS Innovation, Science and Technology Policy Program (GIST)**
- **Language: English (no interpreter)**
- **Outline**

This lecture introduces the OpenAIRE Graph, a large-scale open scholarly knowledge graph designed to support research in scientometrics, science policy, and, more broadly, research intelligence. The first part of the presentation will focus on explaining what OpenAIRE is and how the Graph was developed, with particular attention to its distinctive features, including its data model, aggregation workflows, and strong commitment to open science principles.The OpenAIRE Graph provides structured and semantically enriched metadata describing research products — including publications, datasets, and software — as well as authors, institutions, projects, and funding information, all interconnected through explicit semantic relations. This integrated structure enables advanced analyses of research dynamics, funding flows, collaboration networks,

scholarly impact, and Open Science monitoring.The lecture will conclude with selected practical use cases and examples of analytics powered by the OpenAIRE Graph, illustrating its role as an open infrastructure for research assessment, monitoring, and strategic decision-making.

- **Speaker's Short bio**

Affiliated with the InfraScience Laboratory at CNR-ISTI (Institute of Information Science and Technologies, Italian National Research Council), and a participant in the EU project OpenAIRE Nexus, focusing on the development and analysis of the OpenAIRE Graph. Their research interests lie at the intersection of scientometrics and open science practices. They obtained a PhD in Information Engineering from the University of Pisa. Prior to their current position, they worked as a researcher at the Knowledge Media Institute (KMI) of Open University in Milton Keynes, United Kingdom, where they were a member of the SKM3 research team (Scholarly Knowledge Modeling, Mining, and Sensemaking). Their expertise centers on the application of data science techniques to scholarly big data and research analytics.

- **Moderator's Short bio**

Assistant Professor at the Research and Development Laboratory, Kyoto University Library, Kyoto University (in charge of Open Science research). She received her PhD in Public Policy Analysis from the Science, Technology and Innovation Policy Program at GRIPS. Her research specializes in open data policy and the empirical analysis of open data practices. In particular, she utilizes open research information and data infrastructures such as OpenAlex and OpenAIRE to examine patterns of open data use and data citation, and to empirically investigate how open data influences researchers' activities and knowledge production.

- **Program**

18:30-18:40	**Introduction by Dr. Honami Numajiri (Moderator)**
18:40-19:40	**Presentation by Dr. Andrea Mannocci**
19:40-20:00	**Open discussion and close**

- **Note**

This seminar will be held in a hybrid format, both in person and online. For those participating online, the Zoom connection details will be sent by email by the day before the seminar.

- **Registration**

Please register at this registration form (https://forms.gle/VtLbnMq25JSGqiC16) by 17:00, Tue, March.10. Please note that due to the capacity of the venue, the number of participants will be limited to 30 on a first-come, first-served basis.

If you cannot open the form, please send email to GIST Secretariat, gist-ml@grips.ac.jp. Registration email must include: 1) your name, 2) institution, 3) position, and 4) e-mail address.