

Open Science and Open/FAIR Data for Early-Career Researchers

6th International PhD Summer School

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Open Science is changing research culture

The aim is to improve access, transparency, more effective dissemination and re-use of research results

Open Science - “modus operandi”

Horizon Europe

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)



European
Commission

€95.5 billion





United Nations
Educational, Scientific and
Cultural Organization

Open Science

- Important for your professional development
- Impact your future career (greater visibility, collaboration ...)
- Requested by funders, journals and institutions

**Do Open Science or otherwise:
NO PUBLIC FUNDING OF RESEARCH**



- What do you know about Open Science?
- What are your expectations?



- Introduction to Open Science
- Open Access to scientific publications

- Research Data Management and Open/FAIR Data
- Open Science in Horizon Europe





About me



[@EvaHnatkova](#)

Eva Hnatkova 

- Open Science Coordinator at
 - National Library of Technology
 - UCT Prague
- Eurodoc former president
- PhD in process engineering
- I ❤️ Italy  and diving 

NTK

50°6'14.083"N, 14°23'26.365"E
Národní technická knihovna
National Library of Technology



**UNIVERSITY OF
CHEMISTRY AND TECHNOLOGY
PRAGUE**

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Candidates and Junior Researchers



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Národní technická knihovna
National Library of Technology



1st Doctoral Summer School in Prague

Transferable skills for Early-Career Researchers



Doctoral Summer School 2022

Eurodoc = early career researchers

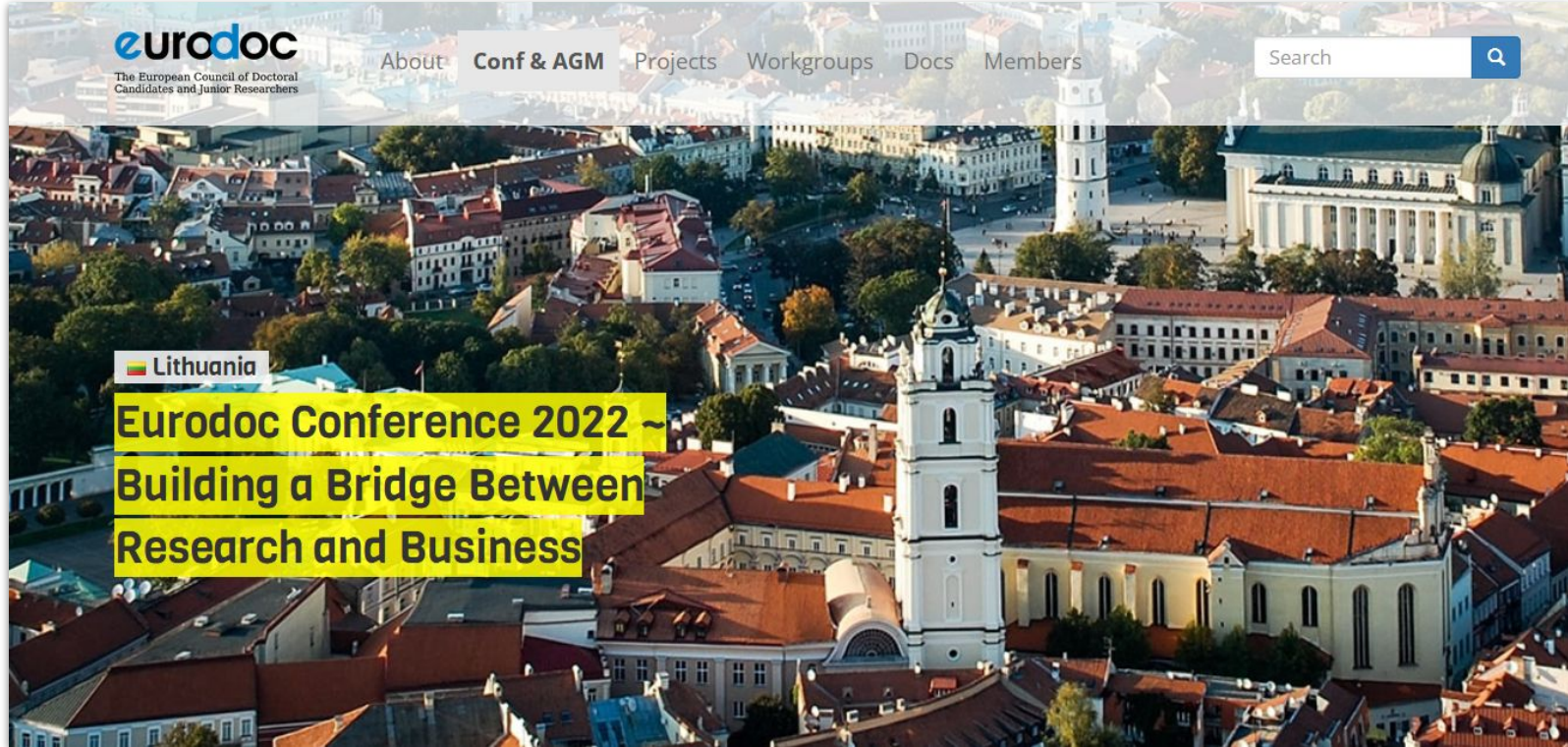


- non-profit organisation
- based in Brussels (2002)
- 29 national associations
- funded by member fees
- supported by volunteers
- develop & inform policy
- run workgroups & events

eurodoc

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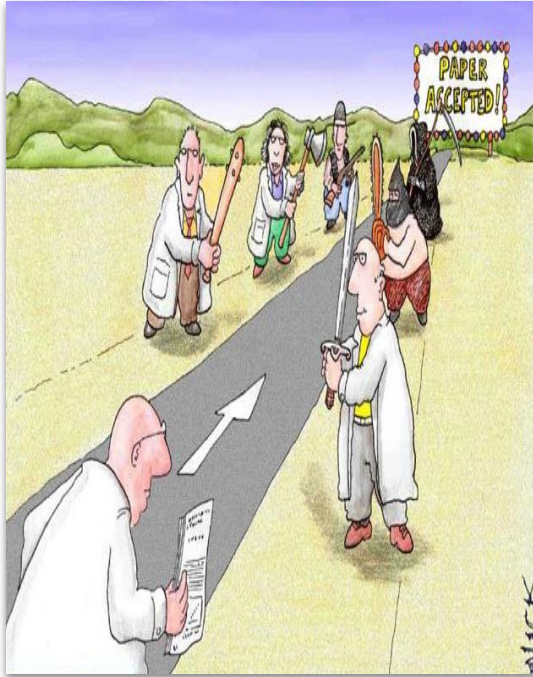
Eurodoc = early career researchers



Organized by the [Lithuanian Society of Young Researchers \(LSYR\)](#)

Main issues for early-career researchers

Career Development



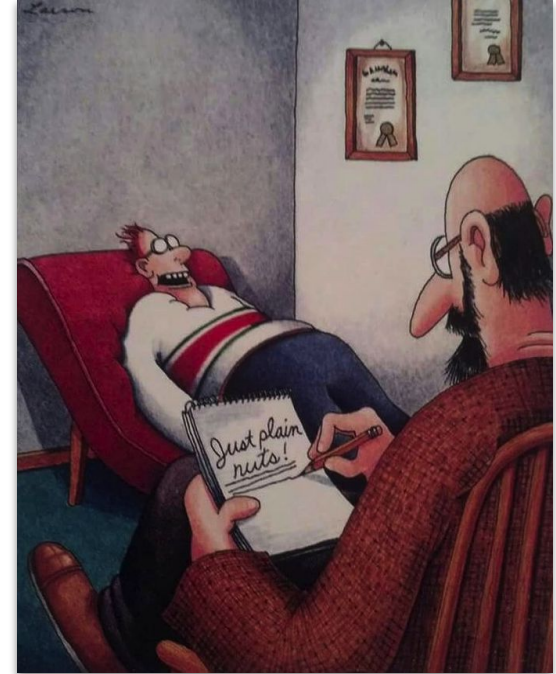
[O'Neill & Storti \(2018\)](#)

Open Science



[O'Neill & Hnátková \(2018\)](#)

Mental Health



[O'Neill & Schroijsen \(2018\)](#)

Challenges

- Researchers are **unaware** to what Open Science is and how to do it
- Lack of **training courses** on Open Science or Data Management Plans (DMP)
- Lack of **support** at institutions (no guidelines, no specialists)
- Lack of a clear **Open Science policy** at institutions
- Lack of **strategic plans** to implement Open Science at national level



O'Neill G., Hnatkova E. (2018) [Open science for early-career researchers](#), Science Impact

My story - how I became OS coordinator

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**OPEN SCIENCE
AMBASSADORS**

Eurodoc Open Science Ambassador Training

Course Background

The Eurodoc Open Science Ambassador Training is a course designed by Gareth O'Neill and Ivo Grigorov to train researchers in key practices in Open Science. The course was initially aimed at representatives of early-career researchers from National Associations of Eurodoc to act as ambassadors in their networks and is now freely available for all interested researchers and policy makers. This course ran from March until August 2019 and was facilitated by Roberta Moscon on an Erasmus+ Staff Exchange. A total of 24 ambassadors successfully completed the course in 2019.

Ambassador Training

Course Specialists

Ambassadors 2019

M1 - Open Science

M2 - Open Access

M3 - Open/FAIR Data

M4 - Open Peer Review

M5 - Data Management

M6 - Plan S

2 webinars: Rights
Retention Strategy &
Open Research Europe