



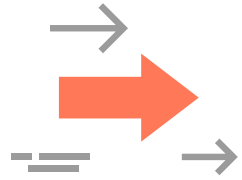
COST – Promoting and spreading excellence

16 November 2022, Prague

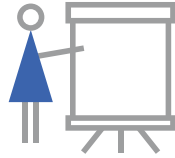


Funded by
the European Union

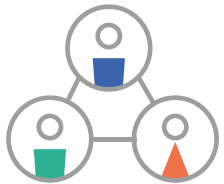
European Cooperation in Science & Technology



+30
Running
Actions



250
Researchers per
Actions



30
Countries per
Action



45,000
Researchers
involved
in COST Actions

Horizon Europe

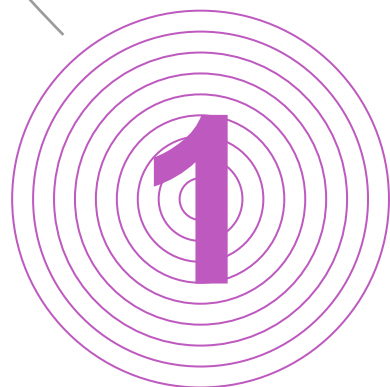
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Widening
participation
and strengthening the
European Research
Area pillar

Role of COST in the ERA



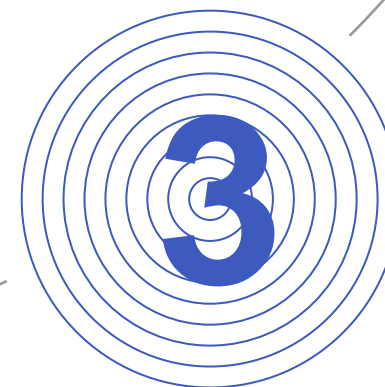
3 STRATEGIC PRIORITIES



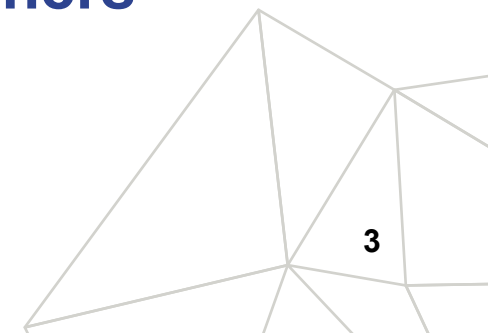
Promoting and
spreading
excellence



Fostering
interdisciplinary
research for
breakthrough science



Empowering and
retaining **young**
researchers





For many of these 300 COST networks, data sharing lies at the heart of their activities

- Leukaemia gene discovery by data sharing, mining and collaboration
- Performance and reliability of photovoltaic systems: evaluations of large-scale monitoring data
- Mobilising Data, Policies and Experts in Scientific Collections

Over more than 50 years, COST Actions have shown innovative ways in how to collect, manage, use and visualize data



COST Rules include a clear commitment by COST to promote Open Access to research outputs resulting from COST Actions.

Since September 2022 COST Actions have the opportunity to submit their scientific publications directly to Open Research Europe (ORE), the European Commission's Open Access publishing platform for research.



Example of COST Success Stories on data related activities



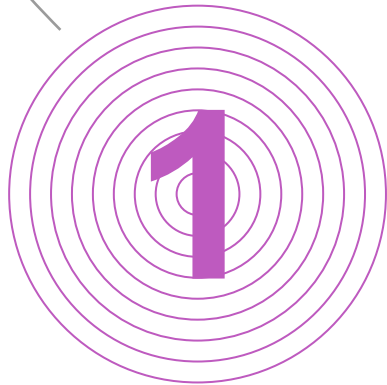
- COST Action MP1304
- Running from 16/05/2013 - 24/11/2017
- **NewCompStar** - Exploring fundamental physics with compact stars
- On 10 April 2019, the world discovered the first-ever picture of a black hole in stunning detail



“Neutron stars like to become black holes,” says **Action Chair Prof. Luciano Rezzolla** of Goethe University Frankfurt, Germany, who also played a prominent role in the collaboration that had presented the **first-ever image of a black hole**. “The two have a lot in common, and so the expertise that was developed and nurtured in NewCompStar also provided fertile ground for this imaging work.”



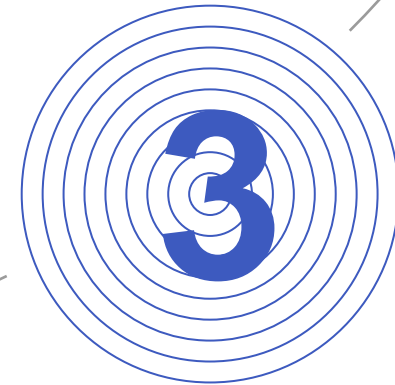
How to engage with COST?



As a **participant**
of a running Action

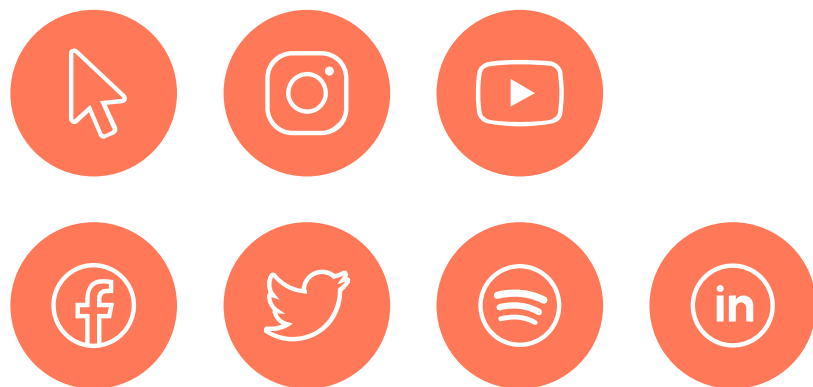


As a **proposer**
of a new COST Action



As **expert** to evaluate
submitted proposals

THANK YOU!



Contact and engage with us!

