

Building Capacity to Study Neuroscience

Training Task Force

Data Standards and Sharing Working Group

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Human Brain Project Outreach and Education Programme

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TASK FORCE MISSION:

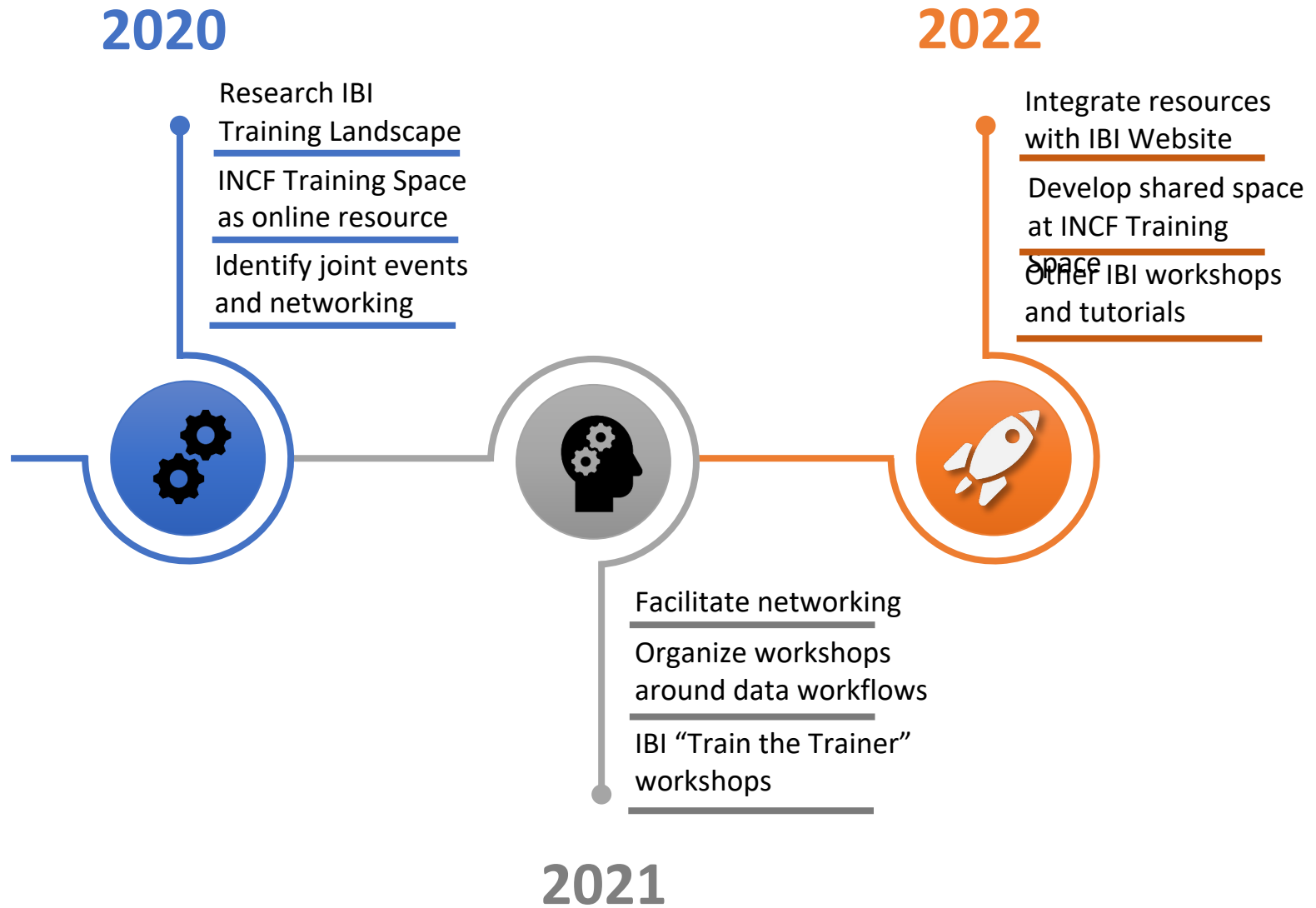
MISSION: The international neuroscience community generates data at many biological levels and scales. *Our mission is to increase the impact of these data on science and health* by ensuring that community members have access to **training resources** that promote *data standards*, facilitate *data sharing*, and provide guidance for *obtaining and analyzing these data sets*.

GOALS:

- Help develop training materials for resources and initiatives [associated with IBI Data Standards and Sharing WG activities](#) such as best practices for data standards and data sharing.
- Facilitate novel high-quality online, interactive training resources for data-related [workflows that span multiple brain initiatives](#).
- Coordinate [Train the Trainer](#) activities that develop or share training resources for neuroscience data curators based in each IBI member country, who can then lead training efforts in their own country.
- Share information about [career paths](#) related to data standards and sharing.



PROGRESS:



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- Surveyed current training resources and activities related to data standards and sharing across the International BRAIN Initiative member countries
- Identified opportunities to facilitate development of training resources that span initiatives
- Submitted a proposal to support a targeted effort in this area
- Two Virtual Master Class events organised with EBRAINS, IBRO and INCF (Train-the-Trainer format, Jul & Sep 2021)
- Organized a workshop on Training Resources for Cross Initiative Data-driven Modeling Workflows
- Now organizing community input for a course at the INCF Training Space on this topic

2020

Research IBI
Training Landscape
INCF Training Space
as online resource
Identify joint events
and networking

2022

Integrate resources
with IBI Website
Develop shared space
at INCF Training
Space
Other IBI workshops
and tutorials

WHAT'S NEXT?

2021

Facilitate networking
Organize workshops
around data workflows
IBI "Train the Trainer"
workshops

2023

Data workflow
workshops
Support Data Catalog
training
Support Data
Governance outreach

TRAINING TASK FORCE:

Nargis Akter, Brain/MINDS Beyond

Sharon Crook (Chair), Arizona State University

Saskia de Vries, Allen Institute

Erin Dickie, University of Toronto

Kenji Doya, OIST & Co-Chair IBI Data Standards and Sharing WG

Mike Hawrylycz, Allen Institute

Jaeseung Jeong, KAIST, Republic of Korea

Tina Kokan (Co-Chair), Medical University Innsbruck & Human Brain Project

Maryann Martone, University of California, San Diego, & Co-Chair IBI Data Standards and Sharing WG

Megumi Maruyama, National Institute of Physiological Sciences & Brain/MINDS Beyond

Jane Roskams, University of British Columbia & INCF Training Space

Maaïke van Swieten, EBRAINS, Human Brain Project

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