

Annual Report

20
24

International Neuroinformatics
Coordinating Facility

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Message from the Directors

2024 was a busy and exciting year for the INCF Network: we hosted our first in-person INCF Assembly since the pandemic, organized and contributed to 11 training events, coordinated 28 projects in Google Summer of Code, participated in 22 scientific outreach events and cross-society activities, managed 6 collaborative projects, endorsed 3 new standards, and welcomed no less than 221 000 visitors to our 4 open platforms.

Last but definitely not least, we welcomed 4 new members in 2024: the BRAIN Initiative Cell Atlas Network (BICAN), the 10,000 Brains Project, The Korea Brain Research Institute, and Inscopix.

We very much appreciate the support from our group members and strive to make their contributions useful to the network, and we continue to advocate for more funding for collaboration, coordination, and infrastructure for neuroscience. In times when government research funding is cancelled, put on hold, or reallocated to other areas of government spending due to the current political climate, it's more important than ever that we produce research data that is reusable in order to maximize the ROI on neuroscience research.

We would like to call on all potential funders to support the very foundation of sound research: robust data management and data reuse. This is what INCF does. There are many ways to support our work or to join our efforts: Become a member, donate funds, sponsor training programs, sponsor others' memberships, and/or sponsor travel grants so more can participate in our activities to learn open data management practices. We are happy to work with you to come up with a solution that works best for your research group, your career, your company, or your funding organization.

Helena Ledmyr

*Director
Development & Communications*

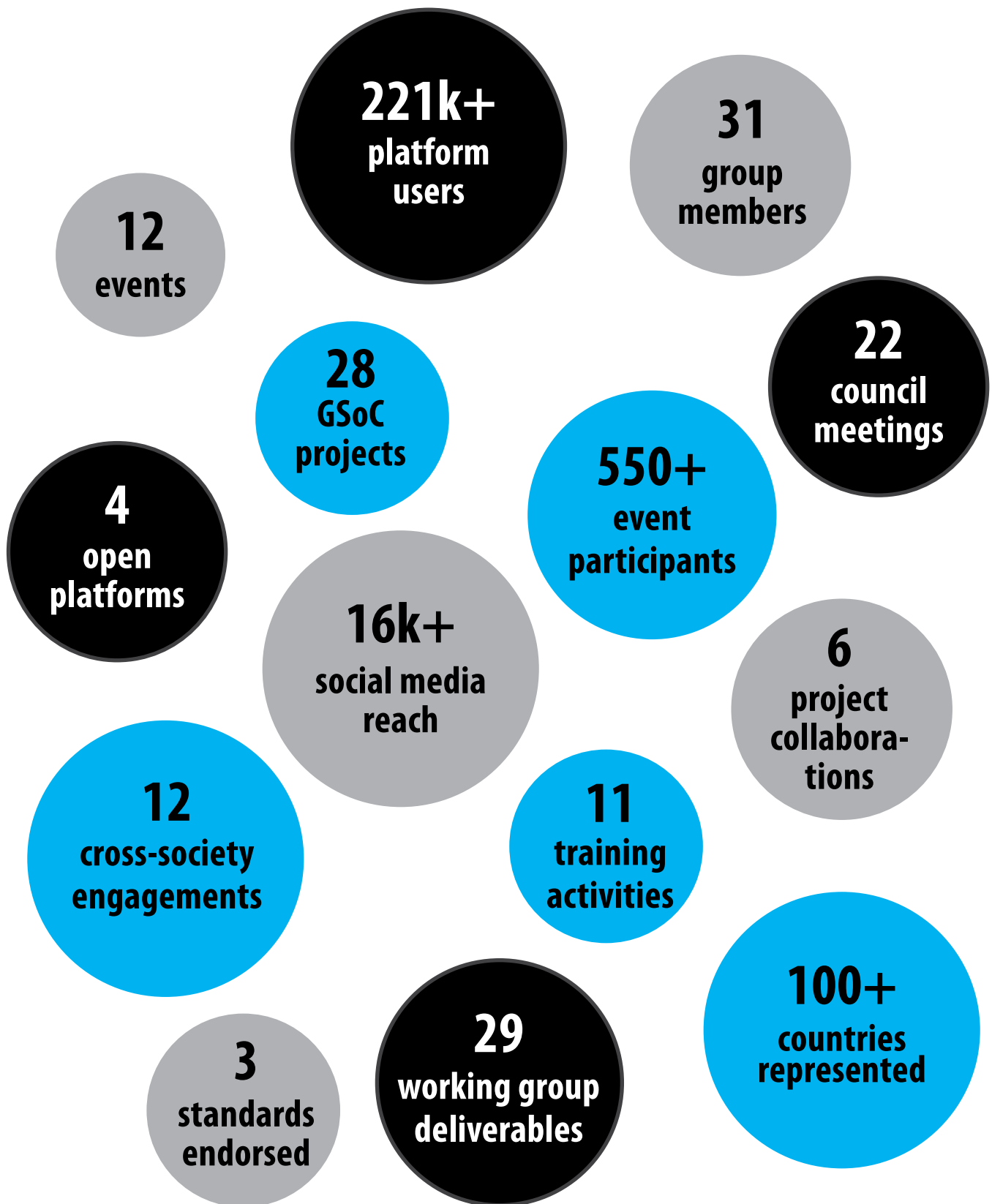


Mathew Abrams

*Director
Science & Training*



INCF 2024 at a glance



About INCF

Who we are

The mission of INCF network is to promote the uptake of FAIR data management practices in neuroscience through the development of standards and best practices that support open, FAIR, and citable neuroscience. Specifically, the network aims to:

- Provide coordination of global neuroscience infrastructure through the development and endorsement of standards and best practices in support of open and FAIR (Findable Accessible Interoperable Reusable) neuroscience
- Support neuroscience as discipline to move towards FORCE (FAIR, Open, Research-object based, and Citable Ecosystem) through the development of community resources and the provision of training opportunities
- Encourage neuroscience as discipline to move towards FORCE (FAIR, Open, Research-object based, and Citable Ecosystem)
- Promote the advancement and continued development of neuroinformatics as a scientific discipline

Network

The INCF network comprises institutions, organizations, companies, and individuals active in neuroinformatics, neuroscience, data science, technology, and science policy and publishing. The Network is organized in governing bodies and working groups which coordinate various categories of global neuroinformatics activities that guide and oversee the development and endorsement of standards and best practices, as well as provide training on how standards and best practices facilitate reproducibility and enables the publishing of the entirety of research output, including data and code.

Governance

The 6 governing councils of the INCF network are composed of representatives from INCF member countries, institutions, and companies, and represent the thought leadership of the INCF network. The governing councils are responsible for setting the priorities of the network in terms of science, training, and infrastructure, as well as setting the strategic vision for the organization. More information about membership can be found at incf.org/join.

Why should I join INCF?

INCF enables its members to:

- participate in INCF Working Groups
- find collaborators through the INCF Industry Advisory Council
- interface with global large-scale brain initiatives

collaborate globally

- participate in discussions and decisions on global strategies for neuroinformatics
- nominate members to INCF committees
- suggest themes for the INCF Assembly

influence strategy

- attend the INCF Assembly at discounted fees
- have priority access to training events and other community activities
- participate in Google Summer of Code

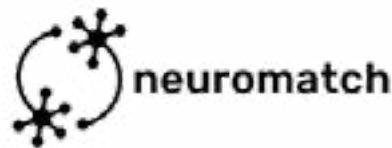
build community capacity

INCF members

Institutions



Ontario Neuroinformatics Consortium



Companies



INCF Working Group affiliations



STANFORD
UNIVERSITY



Yale University

UC San Diego



The Alan Turing
Institute



DONDERS
INSTITUTE



EPFL

UCLouvain



Activities

Training

10th EBRAINS Baltic-Nordic Summer School on Neuroscience, 28 - 31 May 2024

Theme: From neurons to the virtual brain, consciousness, and artificial intelligence

ismu.lt/en/events/ebrains

ReproNim Fellows

A full year Train-the-Trainer fellowship program which provides Fellows with conceptual and practical training in reproducible neuroimaging, as well as tailored support for individual syllabus development and implementation of reproducibility training in their home institutions. repronim.org/fellowship.html

The Annual StratNeuro PhD Student Retreat, 3 - 5 June 2024

INCF hosted 3 workshops that aimed to introduce 69 PhD students affiliated with Karolinska Institutet, The Royal Institute of Technology (KTH), and the European University for Brain and Technology (NTEU) to the general concepts of FAIR neuroscience and resources and services available through INCF and EBRAINS that facilitate FAIR data management, sharing, and reuse. The workshops included:

- Tutorial on the Brain Imaging Data Structure (BIDS) led by Melanie Ganz-Benjaminson, University of Copenhagen
- Tutorial on EBRAINS Digital Brain Atlasing Tools led by Maja Puchades, University of Oslo, and Ingvilde Bjerke, University of Oslo
- Tutorial on Neurodata without Borders (NWB) format led by Luiz Truffeer, CatalystNeuro

Professional Development Workshop at the Annual Society for Neuroscience Meeting “Working with and Working for AI”

Chair: William “Bill” Grisham, UCLA and INCF TEC

Speakers:

- Cameron Craddock, Meta
- Srikanth Ramaswamy, Newcastle University
- Joseph Monaco, NIH
- Amy Orsborn, University of Washington
- Ellen Carpenter, NSF

Participants: 337

Professional Development Workshop at the Canadian Association for Neuroscience Meeting, 19 May 2024, Vancouver, Canada

“Careers in Neuroscience: Life after the PhD”

Chair: Randy McIntosh, SFU and INCF Governing Board Chair

Speakers:

- Helena Ledmyr, Director, Development and Communications, INCF
- Clay Braziller, Strategic Partnerships Manager, Faculty of Science, SFU
- Brianne Kent, Assistant Professor, Psychology, SFU

- Shay Neufeld, Director, Data Products and Analytics, Inscopix
- Kelly Shen, Senior Program Manager, INN

African Brain Data Academy, Nairobi, 2024

20 participants from 11 different african countries

Lectures:

- Intro and Practical session on standards and Metadata Annotations- EBRAINS as a showcase. Speakers: Mathew Abrams and Lyuba Zehl
- Careers in Data Science and Neuroimaging. Speaker: Mathew Abrams

Training days at the INCF Assembly 35 participants

- Driving collaboration in neurophysiology with NWB and DANDI. Lead: Ben Dichter, CatalystNeuro
- Introduction to reproducible neuroimaging data processing and analysis & best practices for robust and reproducible neuroimaging meta-analysis, with Neurosynth Compose. Lead: Franco Pestilli, University of Texas Austin
- DataJoint pipelines for your neuroscience experiments. Lead: Dimitri Yatsenko, DataJoint

Google Summer of Code

28 projects with 53 mentors:

- A natural language interface for querying federated research data
- A Social web tool to facilitate rating and commenting on research reports
- AnalySim
- Analysim, implementing new features in project dashboard and notebook management
- Automated In-Silico Representation of Published Literature
- Best of both worlds – let's cherish the features of parametric AND explicit knowledge retrieval
- Enhancing the LORIS functionality through new modules, increasing test coverage, and developing new API endpoints
- Efficient app-based measurement of visual functions in infants and young children
- Enhancing tvb-widgets by developing new widgets
- Graph Neural Networks (GNNs) and Visualizations
- HarmonyHub: A Web-Based Platform for Learning Variable-Pitch Musical Instruments
- HyperDevoGraph: Modeling C. elegans Development with Hypergraph Convolution Techniques
- Implement batch simulation and optimization routines
- Implementation of SWC to NeuroML converter in PyNeuroML
- Improve Brian's markdown exporter
- Improving and Extending the User Interface of the Neuroptimus Parameter Optimization Software Tool
- Improving ML/AI Parameter Tuning/Optimization of Electrophysiological Models
- INCF Impact Visualization Portal with ML and Data Analytics
- Incorporate new features into an advanced, cross-platform 3D viewer for NeuroML cells and networks
- Integration of inference based models to Neuroptimus
- LLM-assisted tool to annotate research data with machine-understandable, semantic data dictionaries
- LORIS Data Platform Web Modules and API Development
- Open Source Community Sustainability
- Package Brian's unit system

- Scicommons: A social-web tool to facilitate rating and commenting on research reports
- Semi-Automated Workflows for Physiological Signals
- Using markerless motion capture to drive music generation
- Visualization and UI update for ASP/IJ

Google Season of Docs

1 project with 2 mentors:

- Streamlining the BIDS Online Presence - Brain Imaging Data Structure

INCF Assembly

The 2024 INCF Assembly was the first in-person Assembly after the pandemic and was hosted in collaboration with Franco Pestilli, chair of the INCF Infrastructure Committee, at the University of Texas at Austin on September 23-25.

The theme for the 16th INCF Assembly was “Brain Meets AI: Pioneering the Future of Neuroinformatics” and highlighted the transformative impact of state-of-the-art technology and collective ingenuity on our comprehension of the brain.

The program included 8 sessions on topics like FAIR neuroscience, digital twins, omics, applications of AI in neuroscience research, and standardization and facilitation of datasharing in electrophysiology research. A roundtable discussion on funding and building sustainable data ecosystems was organized in collaboration with representatives from the National Institutes of Health.

Collaborative projects

NeurotechEU

The European University of Brain and Technology Technologies. NeurotechEU represents a European alliance of 8 universities with a focus on neurotechnology. By building a trans-European network of excellence in brain research and technologies, NeurotechEU increases the competitiveness of European education, research, economy, and society.

The INCF Secretariat develops the virtual campus platform, Campus+, for NeurotechEU. Campus+ leverages the INCF’s e-learning, community building, and project management platform, ConnectEd. The Secretariat is also Work Package Lead for The Interdisciplinary Knowledge Creation Work Package where the Secretariat has contributed thought leadership for the Neuroinformatics track of the planned NeurotechEU Joint-Master’s and Joint-Doctoral Degrees.

EBRAINS 2.0

The INCF Secretariat contributes to Task 4.1: the development of data and metadata models, controlled vocabularies, and ontologies, as well as Task 4.6: Building alliances with other data sharing platforms and research projects.

CESH Health

INCF fiscal sponsorship with Centre of Excellence for Sustainable Health (CESH). The project provides repository of tools, education, and research related to mental health, impact of climate change on health, and non-communicable diseases

The International Initiative for Traumatic Brain Injury Research (InTBIR)

INCF and the InTBIR Data Science and Harmonization Working Group co-hosted a World Café

entitled Towards an InTBIR roadmap for data harmonization and interoperability (29 - 30 April 2024). The deliverables of the meeting will include drafting a roadmap document that compiles the insights and discussions into a structured document. This roadmap document will outline key opinions and priorities, strategies, timelines, and responsibilities for the global effort in data harmonization and interoperability. The draft document will be shared with the participants for feedback and additional inputs, which would be incorporated into the final document. Once finalized, the document will be published. Additionally, plans for follow-up meetings with the data harmonization working group will be made to develop implementation strategies based on the priorities and recommendations from the roadmap meeting.

Traumatic Brain Injury Action Alliance (TBIAA)

INCF joined the Alliance in April 2024. The TBI Action Alliance aims to deliver improved brain health and outcomes for individuals who have experienced traumatic brain injuries through collective expertise and multi-sector action to deliver innovative solutions. As part of the National Precision Research Roadmap for TBI, the TBIAA is working together to speed the development of diagnostics and treatments that improve the lives of the millions of people living with TBI-related symptoms. cohenveteransbioscience.org/service/tbi-action-alliance

The Brain Research International Data Governance & Exchange project (BRIDGE)

BRIDGE aims to create responsible and sustainable governance frameworks for data sharing, building toward our long-term goal of forming a sustainable global consortium to develop, operate, update and disseminate a robust brain and mental health international data governance framework (IDGF). The project is led by the INCF Infratstructure Committee Chair, Franco Pestilli, and the INCF Director of Science and Training serves as a member of the Advisory Board. The INCF Secretariat developed and maintains the website for the project. bridge.incf.org

Cross-society engagement

During 2024 INCF has been represented by an INCF director in a number of societies, organizations, projects, and communities.

Helena Ledmyr, Director of Development and Communications, has represented INCF in:

- The UNESCO Working Group on Financing and Incentives for Open Science
- The UNESCO Working Group on Policy and Policy Instruments for Open Science
- The Governing Council of the Federation of European Neuroscience Societies (FENS)
- The Dryad Strategy Advisory Board
- The NIH BRAINShare project advisory board
- FAIR Workflows project advisory committee
- European Brain Council's working group on the "No Health Without Brain Health" campaign

Mathew Abrams, Director of Science and Training, has represented INCF in:

- Society for Neuroscience (SfN) Global Membership Committee (GMC)
- Faculty for Undergraduate Neuroscience Executive Committee (FUN)
- the IBRO Governing Council
- The UNESCO Working Group on Capacity Building for Open Science
- GA4GH Neuroscience Community of Interest
- The 10,000 Brains Project Scientific Retreat

Outreach

INCF has during the year organized, been represented at, or participated in various activities, events, and working groups to raise awareness of the organization:

The FENS podcast, about INCF and data sharing in neuroscience (Helena Ledmyr)

Canadian Association for Neuroscience meeting (Helena Ledmyr)

- Professional Development Workshop

10th EBRAINS Baltic-Nordic Summer School on Neuroscience (Helena Ledmyr)

FENS Forum

- poster presentation (Mathew Abrams)
- session: launching the INCF Open Neuroscience Award (Mathew Abrams)

European Virtual Institute for Research Software Excellence meeting (Helena Ledmyr)

3rd International Research Software Funders Workshop (Helena Ledmyr)

Society for Neuroscience Annual Meeting (Helena Ledmyr, Mathew Abrams, Pradeep George)

- Booth
- Professional Development Workshop
- Training poster

International Brain Initiative partners & members meeting (Helena Ledmyr)

BRIDGE Global Workshop (Mathew Abrams)

Google Summer of Code Mentors' Summit (Mathew Abrams)

The Swiss Laboratory Animal Science Association annual meeting (Helena Ledmyr)

- Presentation on data sharing and community building around standards and best practices

During 2024, INCF has used several online outreach channels to interact with the community and to raise awareness of INCF activities and mission:

INCF Portal

Users	43 121	+13%
Sessions	53 107	+23%

INCF newsletter

Subscribers	1 239	+10%
Open rate	53 %	+18 %

Social media followers

Twitter	5 609	+3 %
Mastodon	136	+64 %
Bluesky	2 300	+900 %
Facebook	3 700	-3 %
LinkedIn	2 191	+28 %
YouTube	2 300	+6 %

Standards and Best Practices endorsement

The INCF Standards and Best Practices Committee was established to provide a formal procedure for evaluating and endorsing community standards and best practices that support the FAIR principles. By endorsing standards, INCF wants to make it easy to find the best, most reliable standard appropriate for your research and ensure recognition for community members investing their time and effort in standards. During 2024, the Committee endorsed 3 new standards bringing the total of INCF endorsed standards and best practices to 13 since the framework was launched in 2018.

Total submissions	19
Currently under Expert Review	1
Currently under Committee Review	3
Total Endorsed	13



2024 INCF endorsed standards



Hierarchical Event Descriptors (HED) is an open standard and supporting ecosystem for describing experimental events, conditions, and experiment organization in a format that is both human- and machine-readable to enable analysis, re-analysis, and meta/megaanalysis. HED is particularly relevant for neuroimaging and behavioral experiments where events are a central organizing focus for analysis.



SWC files (file extension of .swc) are text-based (ASCII text) files that describe three-dimensional neuronal or glial morphology. These digital reconstructions represent morphology as a vectorized tree structure, made of a series of connected nodes. An SWC file contains a series of text-based rows where each neuron node is described by a single row of only seven space-separated values. The format is simple and intuitive; a parser or writer to the format could be implemented by anyone with knowledge of any programming language.



NetPyNE is an open-source Python package designed for the development, simulation, and analysis of biological neuronal networks. Built on top of the widely used NEURON simulator, NetPyNE is a high-level interface for creating, managing, and simulating complex neural network models using declarative network specification.

INCF resource highlight

TrainingSuite

The INCF Training Suite is a collection of open access platforms that aims to facilitate self-guided study in the sub-specialisms of neuroscience with an emphasis on Neuroinformatics. The INCF Training Suite acts as a framework for integrating and making Neuroscience related training materials FAIR and more accessible to the global neuroscience community. The INCF Training Suite currently consists of TrainingSpace, Neurostars and KnowledgeSpace.

e-learning module

Multi-media training resources that provides users with study tracks for self-guided study, and tutorials on tools and open science resources

training.incf.org



open data module

A data-driven encyclopedia and search engine with descriptions of neuroscience research concepts, publicly available datasets, and publications

knowledge-space.org



Q & A module

A Q&A forum for knowledge exchange between neuroscience researchers, software developers, and infrastructure providers

neurostars.org



TrainingSuite statistics

Sessions	Pageviews	Users
376 329	1 526 057	185 371
+15%	+36%	+6.5%

INCF resource highlight

Roadmap for FAIR neuroscience

An INCF framework for

- identifying the current gaps, challenges, and opportunities in open, FAIR, and citable neuroscience
- coordinating community action to produce practical guidelines and resources that will aid community adoption



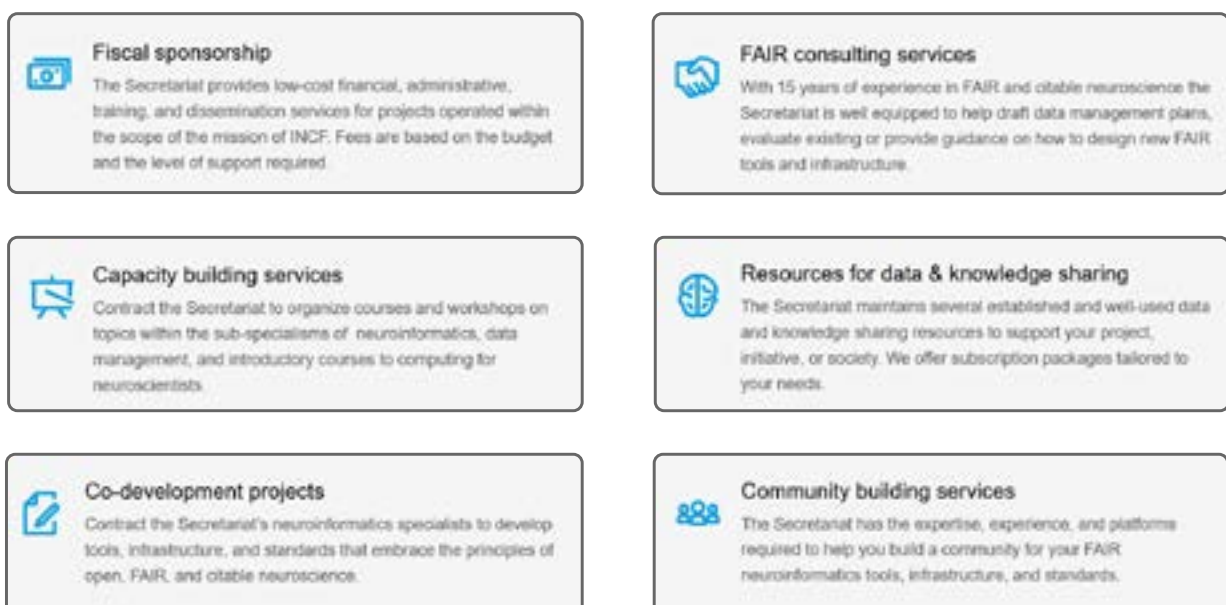
The framework also includes portfolios of existing tools and resources:

Principles of FAIR data management

FAIR standards and best practices

FAIR repositories and scientific gateways

Secretariat services



Current fiscal sponsorships

SciCrunch

INCF provides SciCrunch with financial and administrative services for a funding agency that requires the company to partner with a non-profit. Read more about the project

MathWorks

INCF supports MathWorks in its community building efforts by coordinating MathWorks sponsored working groups and supports MathWorks's capacity building by providing financial and administrative services for a summer coding mentorship program.

Google Summer of Code

INCF serves as an umbrella organization for open source projects within the INCF network by coordinating their participation in the Google Summer of Code Program and by providing financial and administrative support to the projects. This year, 44 mentors oversaw 23 open source project contributors, 22 of whom successfully completed the GSoC program.

Benefits of fiscal sponsorships with INCF

Improved access to funding, increased credibility, and low-cost financial and administrative services

Access to INCF platforms for dissemination, community building, and training services, sparing projects the necessity of developing these resources and allowing them to focus on programmatic activities

Support for nascent projects in developing the necessary organizational capabilities to eventually spin off as independent non-profits.



Governing Councils and Committees

Governing Board

The Governing Board is composed of representatives from the Governing Node and observers from the CTSI and European Commission. The GB is responsible for ensuring the financial sustainability of the INCF network and that the activities of the other governing bodies and national nodes align with the mission of INCF.

Members

Canada	Randy McIntosh (Chair), Simon Fraser University
Germany	Petra Ritter (Deputy chair), The Charité Brain Simulation Center
Canada	Jean-Baptiste Poline, McGill University
International	Leonid Rubchinsky, OCNS
Sweden	Jeanette Hellgren Kotaleski, Karolinska Institutet
USA	Dimitri Yatsenko, DataJoint
USA	Bill Grisham, UCLA
USA	Satra Ghosh, MIT
EC	Francesco Gatto (Observer)

Council for Training, Science, and Infrastructure

The Council for Training, Science and Infrastructure (CTSI) serves as the scientific advisory board to the Governing Board and is responsible for coordinating the networks global neuroinformatics activities that guide and oversee the development and endorsement of standards, best practices, ontologies, and other unifying activities that fulfil the mission of INCF.

Members

Canada	Jean-Baptiste Poline (Chair), McGill University
Canada	Jeanette Hellgren Kotaleski (Deputy chair), Karolinska Institutet
Canada	Kelly Shen, Simon Fraser University
Canada	Samir Das, McGill University
Canada	Brad Buchsbaum, Baycrest Center
Denmark	Cyril Pernet, NRU University of Copenhagen
France	Andrew Davison, CNRS
France	Camille Maumet, INRIA
France	Lisa Otten, L'Institut des Neurosciences Systèmes
Germany	Petra Ritter, The Charité Brain Simulation Center
Germany	Michael Hanke, INM-7 Jülich Forschungszentrum
Malaysia	Ibrahima Faye, University of Teknologi PETRONAS
Norway	Jan G Bjaalie, University of Oslo
Canada	Jean-Baptiste Poline (Chair), McGill University
Sweden	Arvind Kumar Laure, Royal Institute of Technology
UK	John Pelan, Sainsbury Wellcome Centre
UK	Tibor Auer, School of Psychology, University of Surrey, Guildford
USA	David Kennedy, NITRC
USA	Ariel Rokem, University of Washington eScience Institute

USA	Sharmila Venugopal, OCNS
USA	Carol Thompson, Allen Institute
USA	Vijay Iyer, Mathworks
USA	Anita Bandrowski, SciCrunch
USA	Jeff Grethe, SPARC
USA	Aidan Sullivan, MBF Bioscience
USA	Mukta Phatak, Alzheimer's Disease Data Initiative
USA	Milagros Marin-Alejo, DataJoint
USA	Nick Halper, Neuromatch Academy
USA	Ben Dichter, CatalystNeuro

Industry Advisory Council (IAC)

The Industry Advisory Council (IAC) serves as an advisory body to the Governing Board and CSTI by providing input on the strategic directions and activities of the network. The IAC also works to increase the link between INCF members working in industry and academia, and promotes INCF within the business sector with interests in neuroinformatics.

Members

USA	Dimitri Yatsenko (Chair), MathWorks
USA	Anita Bandrowski, SciCrunch
USA	Stephen Larson, Metacell
USA	Ben Dichter, CatalystNeuro
USA	Aidan Sullivan, MBF Bioscience
USA	Shay Neufeld, Inscopix

Infrastructure Committee (IC)

The Infrastructure Committee (IC) serves as an advisory body to the CTSI providing recommendations/policies. The IC also has oversight over infrastructure developed to support the network and maintains a portfolio of activities aimed at promoting the adoption of the FAIR principles by infrastructure providers.

Members

USA	Franco Pestilli (Chair), University of Texas at Austin
Germany	Thomas Wachtler, Ludwig Maximilian University of Munich
India	Prasun Roy, Indian Institute of Technology, Varanasi
Norway	Jan Bjaalie, University of Oslo
The Netherlands	Paul Tiesinga, Radboud University
UK	John Pelan, Sainsbury Wellcome Centre
USA	Dimitri Yatsenko, DataJoint

Standards and Best Practices Committee

The Standards and best practices (SBP) committee is responsible for coordinating the INCF standards and best practices endorsement scheme and has oversight over working groups funded by the network to develop, harmonize, and/or refine community standards and best practices. Membership on the committee is open to all active, paying members of INCF.

Members

Canada	Samir Das (Chair), McGill University
Canada	Francis Jeanson, Datadex
Czech Republic	Roman Mouček, KIV
Germany	Thomas Wachtler, Ludwig Maximilian University of Munich
Norway	Tryve Leergaard, University of Oslo
Sweden	Jeanette Hellgren-Kotaleski, Karolinska Institutet
USA	David Kennedy, University of Massachusetts
USA	Maryann Martone, University of California, San Diego
USA	Kay Robbins, University of Texas at San Antonio
USA	Stephen D. Van Hooser, Brandeis University

Training & Education Committee (TEC)

The INCF Training and Education Committee (TEC) serves as the education advisory board to the CTSI and is responsible for developing, hosting, and supporting neuroinformatics training activities throughout the network and in collaboration with other neuroscience societies. Activities of the TEC include: hosting/supporting hackathons, oversight over the network's mentoring program, and maintaining an online repository of neuroinformatics training materials.

Members

USA	William Grisham (Chair), University of California, Los Angeles/iNeuro Initiative
Ireland	Karen Doyle, University of Galway and FENS
Lithuania	Aušra Saudargiene, Neuroscience Institute and Vytautas Magnus University
USA	Franco Pestilli, University of Texas at Austin
USA	Jack Van Horn, University of Virginia/B2K Training Initiative
USA	Milagros Marin-Alejo, DataJoint

How to support INCF

Why should you support INCF?

INCF provides a community environment which has developed over the past decade with the engagement of neuroscience, neuroinformatics, and data science researchers, tool developers, and infrastructure developers from academic groups across the globe. This environment has proven conducive to initiating standardization efforts between not just the large brain projects but within the global neuroscience community as a whole.

There is a very real need for coordination of global neuroscience data, which is satisfied by the activities of the INCF network. Standardizing global neuroscience can be done in a cost-effective manner but it cannot be done without support from funding agencies. Support for infrastructures such as INCF is crucial, and granting agencies must allow and encourage grantees to participate in activities such as the INCF network in order to develop and implement data management and data sharing workflows.

The responsibility lies not only on funders: we, the neuroscience community, have as much responsibility for collecting and curating data as we do to ensure data can be effectively shared. Participating in the INCF network is an opportunity to build the capacity that will enable neuroscience teams to take on this data sharing responsibility.

Donate

Scientific progress is critical for providing our global community with cures and treatments for illnesses that cause pain and disability in so many lives. Neurological diseases are the leading cause of disability and the second leading cause of death worldwide, and mental health issues are increasing every year. While neuroscience has made significant progress in the last couple of decades, there is still much to do. A major barrier is that neuroscience is time-consuming and expensive. One way to remedy this is through the reuse and pooling of data and sharing of tools, which speeds discovery and increases sensitivity to the subtleties of brain function and disease.

INCF's mission is to facilitate this process globally through the vetting and implementation of open science standards and best practices, and ensure impact through efforts in training and advocacy. You can support our efforts by making a donation: incf.org/donate

Write us into grants

Groups that are planning to submit grant applications to build a neuroscience research infrastructure, tool, or (meta)data standard are encouraged to include an INCF membership in their application. As members of INCF, we facilitate community building, pilot testing, dissemination and training activities, and independent community review of products developed in such projects and networks. If you're interested in joining your project or network to INCF, please contact helena@incf.org for more information.

Secretariat staff



Director, Science and Training
Mathew Birdsall Abrams, Ph.D. MPH



Director, Development and Communications
Helena Ledmyr, Ph.D.



TBI Project Manager
Pradeep George, MBA



Financial Accountant
Henrik Lindström



Project Assistant
Heather Topple



Community Engagement Officer
Gregory Ginnan, Ph.D.



Bioinformatics System Integrator, TBI Project
Leif Larsson, M.Sc.



Bioinformatics System Integrator, TBI Project
Visakh Muraleedharan, M.Sc.

Affiliated researchers



INCF Special Advisor
Sten Grillner, MD. Ph.D.



Neuroinformatics Researcher
Mikael Djurfeldt, Ph.D.



Neuroinformatics Professor
Jeanette Hellgren Kotaleski, Ph.D.



GSoC Coordinator
Arnab Banerjee

Financial summary

Financial summary

Summary financial report 2024, in kSEK, kUSD and kEUR

	kSEK	kUSD	kEUR
Income			
Platinum Members	1 075	102	94
ORG./Inst. Contributions	1 332	126	117
Industry Contributions	166	16	15
Individual Memberships	17	2	1
INCF Events	381	36	33
Other Income	245	23	21
External Projects	4 567	432	399
Total Income	7 783	737	681
Financial Income	45	4	4
Total Income	7 828	741	685
Expenditure			
General Administration	-4 276	-405	-374
Secretariat Running Expenses	-329	-31	-29
Governance	0	0	0
Training & Education	-200	-19	-17
INCF Products	-146	-14	-13
Community Engagement	-637	-60	-56
External Projects	-2 233	-211	-195
Total expenditure	-7 821	-741	-684
Financial Costs	-70	-7	-6
Change in Vacation debt	92	9	8
Total Costs	-7 800	-738	-682

Change in capital according to Income Statement	28	3	2
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Avarage exchange rate*	10,5614	11,4322
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Project Balance kSEK

Projects

CA1070103 INCF Core Funds	3 698	350	323
CA5010513 EBRAINS 2.0	853	81	75
CA88008003 Financial Gains & Costs	538	51	47
CA90003 Vacation Debt	-509	-48	-45
Retained Funds	4 580	434	401

Financial contributions

In addition to its members under the new membership model, INCF is financially supported by its host country to sustain coordination activities around global development of neuroinformatics.

Sweden

Financial contribution provided by Kammarkollegiet.

