

The Bernstein Network

The Bernstein Network Computational Neuroscience is an international research network in the field of computational neuroscience. It unites different scientific disciplines in the endeavor to understand how the brain functions. The close combination of neurobiological experiments with theoretical models and computer simulations allows scientists in the Bernstein Network to pursue innovative approaches. The scientists can rely on central infrastructural facilities located in Germany, which support the scientific dialogue.

The network is named after the German physiologist and biophysicist Julius Bernstein (1839-1917), whose „Membrane Theory“ provided the first biophysical explanation of how nerve cells encode and transmit information via electrical currents.



Be part of the
Bernstein Network!



Get in Touch

<https://bernstein-network.de>
bernstein.network@fz-juelich.de



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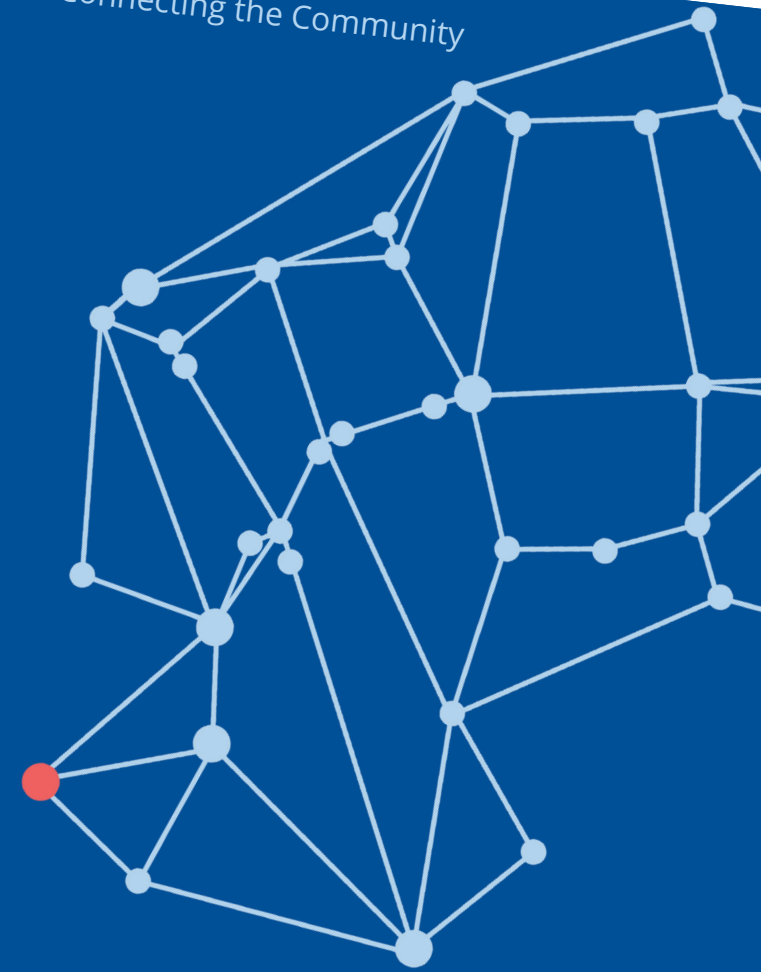


Bernstein Coordination Site (BCOS)
Branch Office of the
Forschungszentrum Jülich
at the University of Freiburg
Hansastr. 9A
79104 Freiburg
Germany

E-mail: bernstein.network@fz-juelich.de
LinkedIn: Bernstein Network Computational Neuroscience
Bluesky: @bernsteinneuro
Mastodon: @BernsteinNetwork



Connecting the Community



July 2026



Dr. Alexandra Stein

- Strategic affairs
- Network representation
- Lobbying
- Networking
- Committee management

HEAD



Samira Kalembe

- Bernstein Conference
- Awards and prizes
- Network representation
- Network cooperations/
Scientific events
- Industry liaisons

SCIENTIFIC COORDINATION
& MANAGEMENT



Elena Reiriz Martínez

- Public outreach
- Network communication
- Marketing
- PR material
- Corporate identity
- Press and media contact

PRESS &
PUBLIC RELATIONS

About BCOS

The Bernstein Coordination Site (BCOS) is one of three facilities of the Bernstein Network Computational Neuroscience and the central point of contact for information about the Bernstein Network. It supports the scientists of the Bernstein Network in their joint activities and serves as a link between the network partners.



Contact us

- Bernstein Centers
- Ⓝ Bernstein Nodes
- ⓑ Bernstein Coordination Site (BCOS)
- ⓖ Bernstein Facility for Research Data Management (G-Node)
- Ⓢ Bernstein Facility for High-Performance Simulation and Data Analysis (SDLN)
- Sites of Bernstein members



Our Services

- Interface between academia, industry, policymakers, and the broader public
- Internal networking and communication
- Corporate Identity and visibility of the network
- Central public relations and science communication activities
- Support for early-career researchers
- International representation, stakeholder engagement, and advocacy
- Organization of the Bernstein Conference