

What is Belle II and how does it work?

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Bundesministerium
für Forschung, Technologie
und Raumfahrt



What is Belle II (not)

Belle II ...

- is not a legal entity
 - does not have any resources
 - has no authority to give directives
- but still works (quite well)
because we agree to collaborate to reach a common goal

Bylaws

- https://public.belle2.org/downloads/belle2_bylaws.pdf → Belle II Bylaws
- ▶ Organizational structure
 - Early Career Researchers
- ▶ Membership categories

Category	IB vote	M&O accounting	Service accounting	Authorship	Spokesperson election
Physicist—faculty/staff	Y	Y	Y	Y	Y
Physicist—term limited	N	Y	Y	Y	Y
PhD student	N	N	Y	Y	Y
MSc student	N	N	N	N	N
Undergraduate	N	N	N	N	N
Technical	N	N	N	N	Y*
Emeritus	Y	N	N	N	Y
Visitor on the way to membership	Y	N	N	N	N
Visitor	Y	Y**	Y**	N	N

Code of Conduct

Members are expected to exhibit scientific integrity by following good scientific practice and acting in a way that prevents damage to the Belle II collaboration. Members may not reveal sensitive internal information to non-members until it has been approved for public presentation by the collaboration. Examples of such information include, but are not limited to, possible discoveries of new particles or phenomena or new analysis techniques. Members may not work as a member of a different experiment on an analysis that is similar to one that they are performing on Belle II, or that is being carried out under their supervision, including analyses being done in a working group of which the member is a convener or coordinator. Members who hold leadership positions in other collaborations should report this to the IB Chair and the Spokesperson.

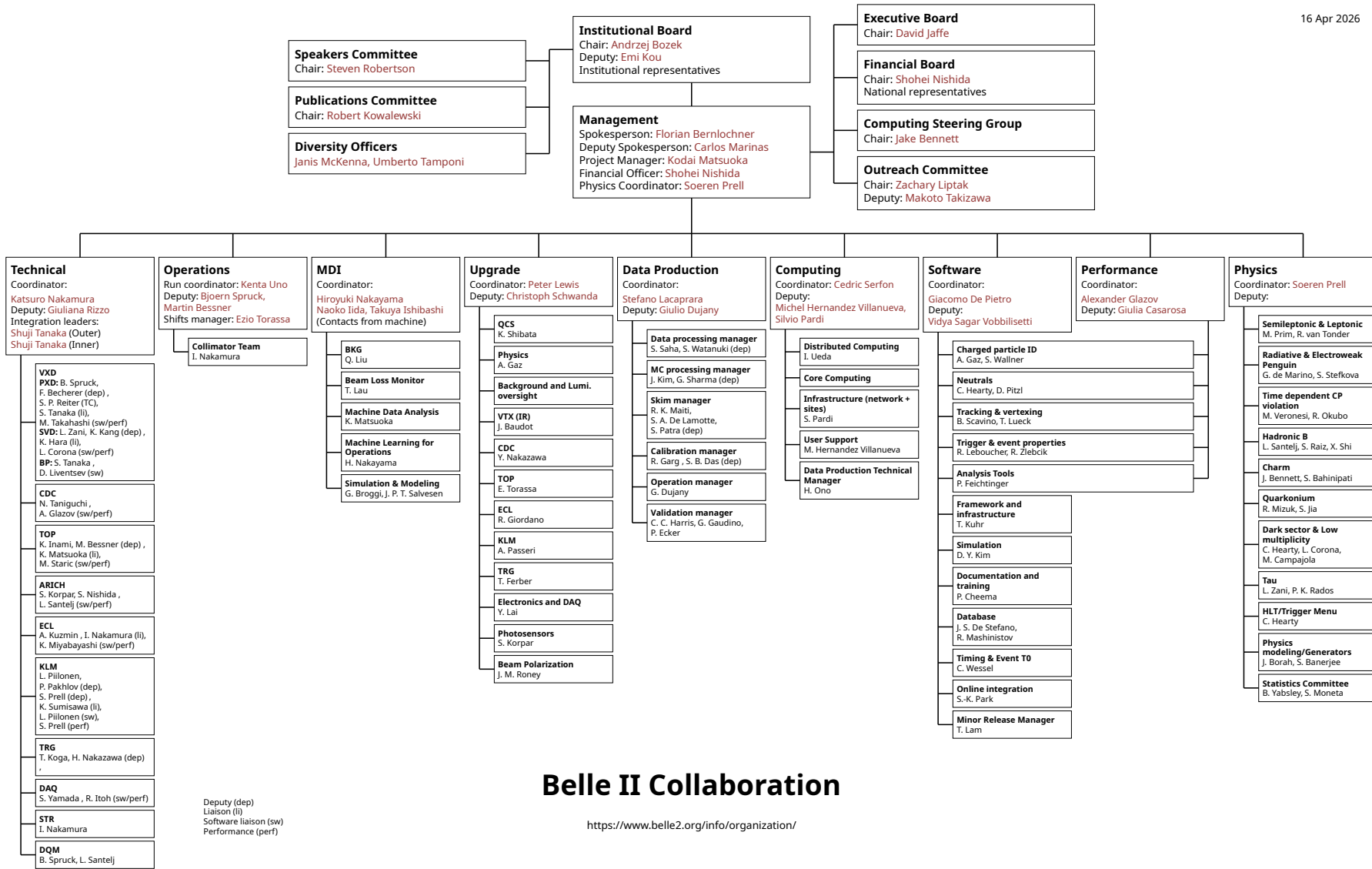
The Belle II collaboration is committed to fostering an open, diverse, and inclusive working environment that nurtures growth and development of all, and believes that an array of values, interests, experiences, and cultural viewpoints enriches our learning and our workplace. Thus, members shall not engage in violent, harassing, sexist, racist, or discriminatory behaviour.

Violations of the Code of Conduct reported to the Spokesperson, IB Chair, and/or EB Chair will be dealt with on a case-by-case basis.

→ [Workplace Guidelines](#)

Organizational Chart

16 Apr 2026



Belle II Collaboration

<https://www.belle2.org/info/organization/>

Institutional Board (IB)

- "Parliament" of the collaboration
- One representative with one vote per institute
+ ex-officio (non-voting): Spokesperson, Deputy Spokesperson, Financial Officer, Project Manager, ECR Representatives
- Institutes provide resources
- Deputy elected for one year, becomes Chair for next year
- Meeting during B2GM (usually on Monday)
- Meeting open to all Belle II members
- Decisions about bylaws, policies, admission of institutes/members, elections of Physics Coordinator, Speakers/Publications Committee Chairs, ratification of managers/committee members/EB decisions
- Condorcet voting method

Condorcet Voting

- Ranked voting
- Pairwise comparison of candidates

Result: **Andrzej Bozek**

Ranking: Andrzej Bozek, Steven Robertson, Paolo Branchini

Rank	Pairwise vote wins row vs column options	Andrzej Bozek	Steven Robertson	Paolo Branchini	Pairwise total wins
1	Andrzej Bozek CV Statement		38	41	2
2	Steven Robertson CV Statement	37		36	1
3	Paolo Branchini CV Statement	34	34		0

Total votes: 85

Management

- "Government" of the collaboration
- Spokesperson (SP)
 - "Prime Minister"
 - Represents the collaboration
 - Candidates nominated by committee of nine members, elected by Belle II members for two years
- Deputy Spokesperson, nominated by SP, ratified by IB
- Coordinators, appointed by Spokesperson, ratified by IB
- Executive Board (EB)
 - Ex-officio (Management, ECR) + regular members that reflect the composition of the collaboration
 - Advise spokesperson

Physics Coordination

- **Physics Coordinator**

- Candidates nominated by committee, elected for two years by IB

- **Deputy Physics Coordinator**

- Nominated by Physics Coordinator, ratified by IB

- **Physics Working Group Conveners**

- Proposed by Physics Coordinator based on nominations from the collaboration for a term of two years
- Ratified by EB

Talks

- Speakers of Belle II talks represent the collaboration
- Fair distribution of Belle II talks desired

Speakers Committee

- Chair elected for two years by IB
- Members nominated by IB Chair and ratified by IB
- Organization of Belle II talks at international conferences and major labs

- Selection of speakers

- Talk priority in B2MMS

- Organization of practice talks

12.2 The committee will select speakers considering the following criteria:

- Appropriate expertise;
- Significance and visibility of the talk;
- Contribution to the collaboration, particularly in areas other than physics analysis;
- Priority to members who have not given a talk recently;
- Career advancement;
- Reasonable distribution within different geographic regions and institutions;
- Input provided by management, conveners, executive board, and the collaboration as a whole, including self-nominations.

Publications

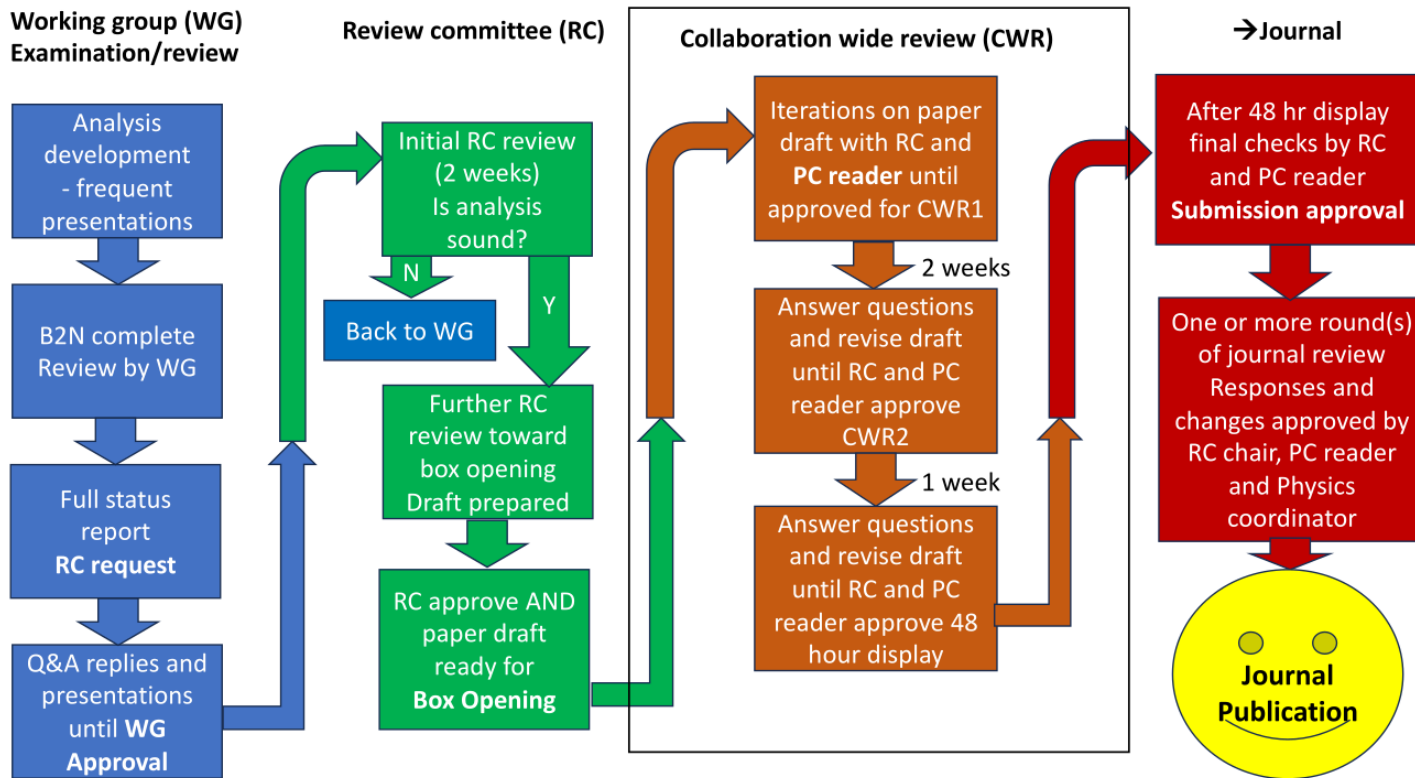
- Physics papers are papers of the whole collaboration, not just those who did the analysis
 - Paper and authorship types policy
(all policies: <https://xwiki.desy.de/xwiki/bin/view/BI/Belle%20II%20Internal/Organization%20WebHome/Organization%20Institutional%20Board/Policy%20documents/>)

Publications Committee

- Chair elected for two years by IB
- Members nominated by IB Chair and ratified by IB
- Overseeing reviews of papers
- Assignment of review committees
- PC Readers

Publication Procedure

- Bylaws and checklist on XWiki/PubDB
- Checklist of analyses in PubDB



- ✓ **Add a link to the full status report**
 - activated: Dec. 7, 2024, 3:15 p.m.
 - completed: Dec. 10, 2024, 11:01 a.m.
 - Who: A proponent
 - What: Add a link to Indico of the full status report c
- ✓ **Request a review committee**
 - activated: Dec. 10, 2024, 11:01 a.m.
 - completed: Dec. 10, 2024, 1:27 p.m.
 - Who: A convener of the working group
 - What: Send an automated email to the publication: committee for this publication.
- ✓ **Form a review committee**
 - activated: Dec. 10, 2024, 1:27 p.m.
 - completed: Jan. 28, 2025, 10:52 a.m.
 - Who: A member of the publications committee
 - What: Assign at least two reviewers and a review c
- ✓ **Working group approval**
 - activated: Dec. 10, 2024, 1:27 p.m.
 - completed: Jan. 30, 2025, 10:37 a.m.
 - Who: A convener of the working group
 - What: A decision on whether to publish data on HE conveners. After approval of the working group, tr
 - Approval given by: Gaetano de Marino
- ✓ **Invite users to be reviewer or review chair**
 - activated: Dec. 10, 2024, 1:27 p.m.
 - completed: Jan. 28, 2025, 10:52 a.m.
 - Who: A member of the publications committee
 - What: Send invitations to users to be part of the re

Authorship

➤ Qualification task

16.2 Members in the Physicist—faculty/staff, Physicist—term limited, and PhD student categories must devote 6 months equivalent of their research time to service work prior to becoming authors. The nature of the work should be negotiated with Belle II management. After the completion of this work, the Publications Committee will add the member to the author list upon the request of the IB representative and agreement of the relevant convener or coordinator.

➤ → Service task policy

➤ Qualification Tasks Gitlab:

<https://gitlab.desy.de/belle2/qualification-tasks>

➤ Alphabetic list of authors with ORCID, no institutes listed

→ Response to Russian invasion of Ukraine

➤ Opt-in authorship

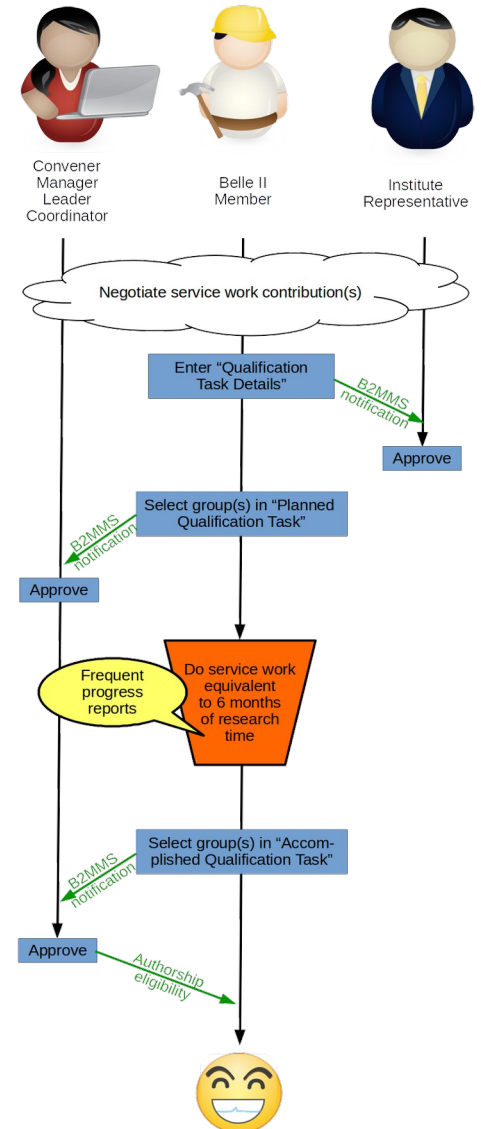
✓ During the Collaboration-Wide Review (CWR) for this paper, you are encouraged to read the latest draft (→ click on the paper's title) and analysis documents (→ B2Note).
✓ Submit your comments (→ Comments) or view all comments there.
✓ During the CWR1—CWR2 periods, **click below** to opt in or out of this paper's author list ... only your last choice is remembered. **Default is OPT-OUT.**
✓ Verify your choice (→ Authors) in this paper's author list.

Please include me as an author

Please do **not** include me as an author

... because **I DISAGREE** with this paper's content / conclusions.

SUBMIT



Further Roles and Committees

- Project Manager
 - Liaison to KEK
- Diversity Officers
 - Elected by IB for two years
- Outreach Committee
- Ad hoc committees:
 - Upgrade Advisory Committee
 - Collaborative Tools Committee
- B-factory Program Advisory Committee (BPAC)
 - Review of Belle II

Computing

- Computing resources provides by countries, share depends on fraction of PhDs
- Memorandum of Understanding
- Computing Steering Group
 - Review of accounting
 - Planning of resources for next years
- Plan reviewed by BPAC, approved by FOP

Funding

- Resources come from institutes / funding agencies
- Sometimes formalized in Memorandum of Understanding (MoU), e.g. for German contribution to Belle II
- Common Fund for maintenance and operation (M&O)
- Financial Board (FB), chair = Financial Officer
- Financial Oversight Panel (FOP)
 - Representatives of funding agencies
 - Meeting once a year
 - Scrutiny Group
- SuperKEKB / KEK financed by Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Belle II Funding in Germany

- Universities / states
- Helmholtz-Gemeinschaft Deutscher Forschungszentren (HGF)
→ DESY
- Max-Planck-Gesellschaft (MPG) → MPP
- Federal Ministry of Research, Technology, and Space (BMFTR)
 - Three year funding cycle
 - Forschungsschwerpunkt (FSP)
- Deutsche Forschungsgemeinschaft (DFG):
Excellence clusters, ...
- Emmy Noether, Helmholtz Young Investigator, ...
- European Union: JENNIFER3
- ...

<https://www.research-in-germany>

Summary

- The collaboration exists and works because of its members
- Belle II is your collaboration