



Constitution of the ALADDIN collaboration

ratified by the Collaboration Board on date 13/06/2025

Versions of this document

- v1 dated 31/03/2025
- v2 dated 04/04/2025
- v3 dated 30/05/2025
- v4 dated 13/06/2025 (this version)

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1. Preamble

The aim of the ALADDIN Collaboration is to carry out the physics experiment outlined in the Letter of Intent [1].

Following the recommendation of the LHC Experiments Committee (LHCC), the Collaboration has to prepare a Technical Proposal. This Constitution shall remain in force until the submission of the Technical Proposal and, upon its approval, will be reviewed and extended to govern the experiment.

In the spirit of a well-functioning, open, and inclusive scientific organization, decisions within the ALADDIN Collaboration shall be made by consensus wherever possible. When consensus cannot be reached, decisions shall be made by vote, in accordance with the procedures set out in this Constitution.

2. Structure of the Collaboration

The Collaboration is structured to be as streamlined and efficient as possible, reflecting its expected scale. The key bodies responsible for the Collaboration are the CB and the Management. A change of this Constitution needs approval of more than 2/3 of all CB members.

2.1 Collaboration Board (CB)

1. The CB shall serve as the highest decision-making authority within the Collaboration. The CB also acts as a Collaboration Membership Committee and defines the Collaboration rules.
2. The CB consists of one nominated Institutional Representative (IR) per collaborating institution.
3. The CB elects a Chair among the senior members of the Collaboration for a two-year term, which can be extended. The CB Chair is elected by secret ballot within the CB. A candidate is elected upon receiving a two-thirds (2/3) majority of the submitted votes. If no candidate attains this majority, a second round of voting will be conducted between the two candidates with the highest number of votes. If no candidate is elected through this process, the discussion and voting procedure will be restarted. In the event that there is only one candidate, a ratification vote requiring a two-thirds (2/3) majority will be held.
4. The CB Chair has the responsibility to conduct all voting procedures. The approval of the Constitution and the election of the first CB Chair will be conducted by a senior member of the CB, assisted by a Search Committee appointed by the CB if needed. The CB Chair organizes the CB meetings, proposing the agenda in advance, and writing and circulating the minutes for approval at the subsequent meeting. The approved minutes are made available to all members of the Collaboration.
5. The CB Chair, The Spokesperson, Deputy Spokesperson (if any), Technical Coordinator and Deputy Technical Coordinator (if any) serve as ex-officio members. The CB Chair may invite additional experts as ex-officio members.
6. Each collaborating institution shall be entitled to one vote. Ex-officio members do not have voting rights. All decisions are made by simple majority with respect to the total number of all voting members of the CB (irrespective of whether they have voted), except the changes to this Constitution and the election of the CB Chair and Spokesperson that have their own procedure. In the event of a tie, the CB Chair casts the deciding vote.

7. The CB is responsible for defining and reviewing the research program of the experiment, its corresponding funding, any technical decisions, and approving its potential upgrades.
8. The CB shall appoint all official positions within the Collaboration, including all members of the Technical Board. The CB may revoke any appointment if it deems the performance unsatisfactory.
9. If an IR is unable to attend a CB meeting, he/she may appoint a delegate (proxy) to represent his/her institution, with full rights and responsibilities of the IR. The institution must notify the CB Chair in advance.
10. The Spokesperson is elected following the same procedure as the CB Chair. A Search Committee, chaired by the CB Chair, can be appointed if needed.
11. Other elections, votes, and nominations are conducted openly.
12. The CB shall decide on the inclusion of new institutions into the Collaboration. New collaborating institutions should address their interest and proposed contributions to the CB Chair. If a collaborating institution fails to contribute actively, the CB will inquire about its commitment to participation. If active participation cannot be ensured, the CB may decide by vote to dismiss it from the Collaboration.
13. The CB establishes a Speakers, Publications and Outreach Bureau (SPOB), whose role is to manage the exposure of ALADDIN scientific data to the world, in full respect of standard scientific practices and with fair recognition of individual achievements.

2.2 Spokesperson (SP)

1. The Spokesperson might nominate a Deputy Spokesperson who must be ratified by the CB. The Deputy Spokesperson represents the Spokesperson in his/her absence. The mandate of the Deputy Spokesperson ends when the Spokesperson changes or decides to end it.
2. The Spokesperson is responsible for officially representing the Collaboration and serving as the primary liaison with CERN Management, the LHCC, and other relevant bodies.
3. The Spokesperson (and Deputy Spokesperson) is elected for a period of two years. The term can be extended by the CB.

2.3 Technical Coordinator (TC)

1. The Technical Coordinator is responsible for coordinating all technical activities including development, construction, installation, financial and schedule planning. The TC might nominate a deputy.
2. The TC reports to the SP and the CB.
3. The TC is an ex-officio member of the CB.

4. The TC is nominated by the SP, in agreement with the CERN Management. His/her nomination is ratified by the CB. The TC shall be a member of the CERN staff for the duration of their term of office.
5. The TC is the primary liaison with the LHC accelerator physicists and is responsible for matters related to infrastructure, integration with the CERN Control Centre (CCC) and with the LHC beam vacuum and tunnel.
6. The TC defines with his/her LHC machine counterparts the organization of safety.
7. The TC organizes and chairs the Technical Board (TB) meetings.
8. The Technical Board is composed of the TC, the Deputy TC (if any), the Project Leaders, the Deputy Detector Project Leaders (if any). The TB oversees all aspects of the ALADDIN detector, including design, construction, installation, and commissioning, as well as budgets and planning, and takes decisions on technical matters.

2.4 Physics Coordinator (PC)

1. The Physics Coordinator coordinates the analysis efforts in order to ensure the best possible physics data quality and physics output, facilitating information exchange and ensuring that all Collaboration members can access the data and work on any physics analysis.
2. The PC reports to the SP and the CB. The PC is an ex-officio (non-voting) member of the TB and the CB.
3. The PC oversees the review and approval procedure necessary for any physics analysis result to proceed towards publication.
4. The PC shall be elected by the CB and the appointment of the PC is for a 2 year period (extendable by CB decision).

2.5 Management

1. The Management serves as the executive body of the Collaboration, holding primary responsibility for the design and construction of the detector, its upgrades, and the organization of the physics planning and output.
2. The Management team includes the Spokesperson (and Deputy Spokesperson, if any), the Technical Coordinator and the Physics Coordinator.
3. The Management has the authority to establish Detector Projects and Working Groups as needed, to be ratified by the CB. The Project Leaders and Conveners of these groups will be proposed by the Management and submitted to the CB for ratification.

3. Code of conduct

Members of the ALADDIN Collaboration are expected to act in an ethical and collaborative manner at all times, and abide by the CERN Code of Conduct. ALADDIN members shall not engage in harassment or bullying, or discriminate against each other for any reason. ALADDIN

members are expected to work with the utmost scientific integrity, and respect the confidentiality of internal information.

4. References

- [1] The ALADDIN proto-collaboration. ALADDIN: An Lhc Apparatus for Direct Dipole moments INvestigation. Letter Of Intent CERN-LHCC-2024-01, LHCC-I-041.
[10.17181/CERN.2G4V.0YAO](https://cds.cern.ch/record/10.17181/CERN.2G4V.0YAO)
- [2] The ALADDIN experiment website. <https://aladdin.web.cern.ch/>

5. Members of the collaboration

At the time of writing, the members of the collaboration are as follows:

European Organization for Nuclear Research (CERN), Geneva, Switzerland
INFN Sezione di Firenze - Università di Firenze, Italy
INFN Sezione di Genova - Università di Genova, Italy
INFN Sezione di Milano - Università degli studi di Milano, Italy
INFN Sezione di Pisa - Università di Pisa - Università di Siena, Italy
INFN Sezione di Padova - Università di Padova, Italy
INFN Sezione di Catania - Università di Messina, Italy
Instituto de Física Corpuscular (IFIC), Universitat de València-CSIC, Spain
Instituto Galego de Física de Altas Enerxías (IGFAE), Universidade Santiago de Compostela, Spain
University of Chinese Academy of Sciences (UCAS), Beijing, China
Universität Bonn-Helmholtz-Institut für Strahlen und Kernphysik, Bonn, Germany
Nikhef National Institute for Subatomic Physics. Amsterdam, Netherlands
Université Paris-Saclay, CNRS/IN2P3, IJCLab, Orsay, France

The collaboration's organization is shown in the diagram below.

Collaboration Board	Management	Technical Board
IRs: voting ... CBchair, SP, TC: (non voting)	SP (+dep) TC (+dep) PC	TC (+dep) Project Leaders
SPOB		