

GNB (Gruppo Nazionale di Bioingegneria) is a non-profit association with scientific, cultural, informative, and social goals, such as promoting, sponsoring and coordinating studies, research and debates on Biomedical engineering. GNB organizes scientific events and summer schools for PhD students since 1981. Natural interlocutors of GNB include stakeholders such as ministries, universities and research institutes, the national health system, the industrial and entrepreneurial partners and the international scientific community. Today, GNB has about 500 members.

The GNB Congress, held on biannual base since 2008, is the melting pot of biomedical research and clinical end-users fully inserted in the framework of the most advanced international research in Biomedical engineering, which combines the engineering background with the clinical one. The GNB Congress provides an overview of recent activities and breakthrough research in the field and aims at involving all members of the scientific and industrial communities.

Typical attendees of the GNB Congress are:

- biomedical engineers of the industrial community;
- professors and researchers in biomedical engineering and related areas;
- clinicians in academic medical centers, working on innovation;
- biomedical researchers in engineering and sciences;
- PhD students in Biomedical engineering and related academic areas.

The GNB Congress:

- provides an overview of recent activities and breakthrough research in the field of biomedical engineering;
- showcases & promotes existing and newly- developed products with a global network of biomedical engineering professionals;
- attracts hundreds of visitors (370, 418, 404 in the last three in-presence editions, respectively in Naples 2016, Milan 2018, Padova 2023);
- promotes exchange of ideas among members of the scientific and industrial communities;
- organizes workshops to connect talented MSc and PhD students to the exhibiting companies;
- identify new partnerships with young and energetic start-ups and entrepreneurs;
- encourage collaborations among participants by supporting the various ways of communicating during the congress.

The 9<sup>th</sup> GNB Congress will take place from 16 to 18 June 2025, in Palermo. The University of Palermo (UniPa), founded in 1806, is one of Italy's major public universities, known for its rich history of academic excellence and research, offering a wide range of programs across multiple disciplines, with a strong emphasis on innovation and regional development in Sicily. Nowadays, formal Bioengineering research (Information and Industrial) groups are present in the Department of Engineering (DI). The research group is currently involved in significant projects such as SAMOTHRACE - Sicilian MicronanoTech Research And Innovation Center, part of the National Recovery and Resilience Plan (PNRR), DARE - Digital Life-Long Prevention, part of the National Plan for Complementary Investments to the PNRR, HONEST - High-Order Dynamical Networks in Computational Neuroscience and Physiology: an Information-Theoretic Approach, and PRIN 2022 Green Microfluidic Platform for Advanced Tissue on a Chip Cultures (Green MID-PLACE).

More information at

GNB website: <https://www.grupponazionalebioingegneria.it>

Conference website (available from 19<sup>th</sup> November): [gnb2025.it](https://gnb2025.it)

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