

IEEE 2026 ROPEC/Special Session: Bioinformatics and Computational Biology

Introduction

The Special Session on Bioinformatics and Computational Biology at ROPEC 2026 is a premier interdisciplinary forum addressing computational methods for complex biological systems. As biological and clinical data grows exponentially, AI, mathematical models, and robust algorithms become vital. This session connects researchers and professionals to share breakthroughs driving precision medicine and life sciences.

Featured Topics

• Machine Learning in B&CB • Network Analysis in B&CB • Medical Image Analysis • Computational Approaches • Genetic Algorithms in B&CB • Neural Networks & AI in B&CB • Clinical Data Analysis • Data Mining & NLP

About the Session

Submitted papers should adhere to the specifications in 2026 IEEE/ROPEC conference author guidelines. Each submission to the special session will undergo the same revision process as papers submitted to ROPEC 2026. Submission implies the willingness of at least one of the authors to register and to present the communication at the conference if it is accepted. All accepted papers will be published in a memory and the proceedings will be indexed by IEEExplore.

Key Dates

- **Submission opening:** May 2026
- **Full paper submission deadline:** July 6, 2026
- **Acceptance notification:** August 24, 2026
- **Final paper submission and registration deadline:** September 14, 2026
- **Conference dates:** November 9–11, 2026

Submission Info

- **Format:** Max 6 pages, English/Spanish
- **Templates:** Download here
- **Portal:** EasyChair
- **Publication:** IEEExplore indexed
- **Requirement:** At least one author must register and present if accepted

Organizers / Contacts

Dr. Dagoberto Armenta Medina INFOTEC-SECIHTI

Dr. Carlos Minutti Martínez INFOTEC

Website: <https://2026.ropec.org/> **Dates:** November 9–11, 2026