

18th International Symposium on Integrative Bioinformatics

Zurich, Switzerland
September 12/13, 2024

Integrative Bioinformatics 2024: CALL FOR PAPERS, TALKS & POSTERS

Integrative Bioinformatics faces the challenge of integrating, aligning, modeling, and simulating data in a coherent fashion to gain deeper insights into complex biological systems. The 18th Symposium on Integrative Bioinformatics will be held in the beautiful city of Zurich and will provide an excellent environment with a range of opportunities to present and discuss methods, theoretical approaches, and their practical applications in Integrative Bioinformatics. All Bioinformaticians, Computer Scientists, Life Sciences Researchers, and others working and interested in the field of Integrative Bioinformatics are welcome.

Topics of interest (all in the context of Life Sciences data management and integration)

- Approaches to data management and integration
- Laboratory information management systems (LIMS)
- FAIR data principles and Open Research Data (ORD)
- Data stewardship implementations and experiences
- Data compliance challenges and solutions
- Democratized research data frameworks
- Computational infrastructure and cloud data
- Automated high-throughput computational solutions
- Computational biology
- Data science, visualization, and analytics
- Data linkage, cleaning, and curation
- Knowledge graphs and large language models (LLM)
- Generative AI approaches
- Integrative modelling and simulation frameworks
- Ontologies and data warehouses
- Tool integration and workflow systems
- Semantic Web approaches
- Cross-omics research platforms

Keynote speakers

- Menna El-Assady (ETH AI Center, Zürich, Switzerland)
- Natasha Glover (Swiss Institute of Bioinformatics, Lausanne, Switzerland)
- Alexander Sczyrba (Bielefeld University & Forschungszentrum Jülich, Germany)
- Etzard Stolte (Roche, Basel, Switzerland)
- Susanna Weber (UZH Library, Zürich, Switzerland)

Important dates

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| 03.05.2024 | Regular paper (maximum 20 pages) for Special Issue and oral presentation
Submission via https://mc.manuscriptcentral.com/dgjib |
| 01.06.2024 | Notification of acceptance |
| 15.06.2024 | Extended abstract (maximum 2 pages) for oral presentation via http://cfp.ib2024.ch/ |
| 15.07.2024 | Final paper submission deadline |
| 01.09.2024 | One-page abstract (max. 300 words) for poster presentation via http://cfp.ib2024.ch |

Publication

Accepted regular papers will appear in a special issue of the [Journal of Integrative Bioinformatics](#) (JIB). JIB is an open access journal publishing original peer-reviewed research articles in all aspects of integrative bioinformatics. Among others, PubMed, DBLP, and Google Scholar indexes JIB (ISSN 1613-4516).

Registration <https://www.ema.uzh.ch/de/register/18th-international-symposium-on-integrative-bioinformatics.html>

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| Till 30.06.2024 | 330 CHF (Early Bird Rate), thereafter 390 CHF (Normal Rate) |
| Student Rate | 150 CHF (only for bachelor/master students) |

Contact

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