Graph Neural Networks in Biology: Organizational Matters

Alexander Schönhuth
Luna Pianesi

**UNIVERSITÄT
BIELEFELD**

Faculty of Technology

Bielefeld University
April 15, 2025

WHO ARE WE?

▶ Research group "Genome Data Science"
  https://gds.techfak.uni-bielefeld.de

▶ Coordinates:
  Prof. Dr. Alexander Schönhuth
  email: aschoen@cebitec.uni-bielefeld.de
  office: UHG U10-128

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Organization

MODULES

- Lecture part of modules
    - *39-Inf-BDS Biomedical Data Science for Modern Healthcare Technology* (study requirement)
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- ▶ What does it mean?
  - ▶ Modules are adopting a new structure, and our seminar will be of type S + Ü
  - ▶ The "seminar" part remains the same: we discuss advanced papers about a certain topic (Graph Neural Networks here)
  - ▶ The "tutorial" part will apply only to those who need it as per their module
  - ▶ Seminar only = presentation + report
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    - ▶ Individual
    - ▶ Approx. 30 minutes long, followed by discussion
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  ▶ Up to 8 presentations per week, if that suits everyone's schedules
  ▶ Topic blocks

▶ **Technical Report:** *after presentation and individual!*

  ▶ Each report 5-8 pages
  ▶ Optimally, report profits from feedback provided after
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  ▶ Drafts can be submitted for discussion
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