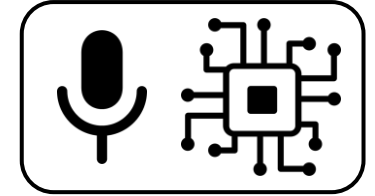# Computational Analysis of Sound and Music

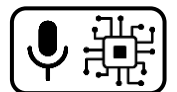## Research Project – Logistics

Dr.-Ing. Jakob Abeßer

Fraunhofer IDMT
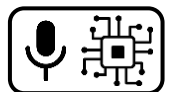
jakob.abesser@idmt.fraunhofer.de

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Literature Research

Time Schedule

- 06.06.2024 – 25.06.2024

  - 6 lecture dates with short impulse presentations & 1h working time

- Topics

  - Literature Review

  - Dataset Review

  - Processing Pipeline

  - Evaluation & Metrics

 - Scientific Writing

  - Visualization

Literature Research

Goal 1: Research Paper

- Submission deadline: 27.06.2024 EOD

  - 2-3 pages long

  - IEEE conference template (https://www.overleaf.com/latex/templates/ieee-conference-template/grfzhhncsfqn)

- Checklist

  - Structure (Abstract, Introduction, Related Work, Methodology, Evaluation, Conclusion)

  - Language quality (< 3 typos)

  - Figures (clear caption, fontsize ok, labels readable, not blurry)

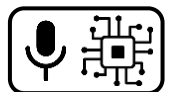 - Tables (clear caption, clear column header)
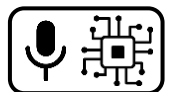
Literature Research

Goal 1: Research Paper

- Checklist (ctd.)

    - Reference (IEEE Reference Guide: https://journals.ieeeauthorcenter.ieee.org/wp-content/uploads/sites/7/IEEE_Reference_Guide.pdf, complete metadata)
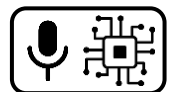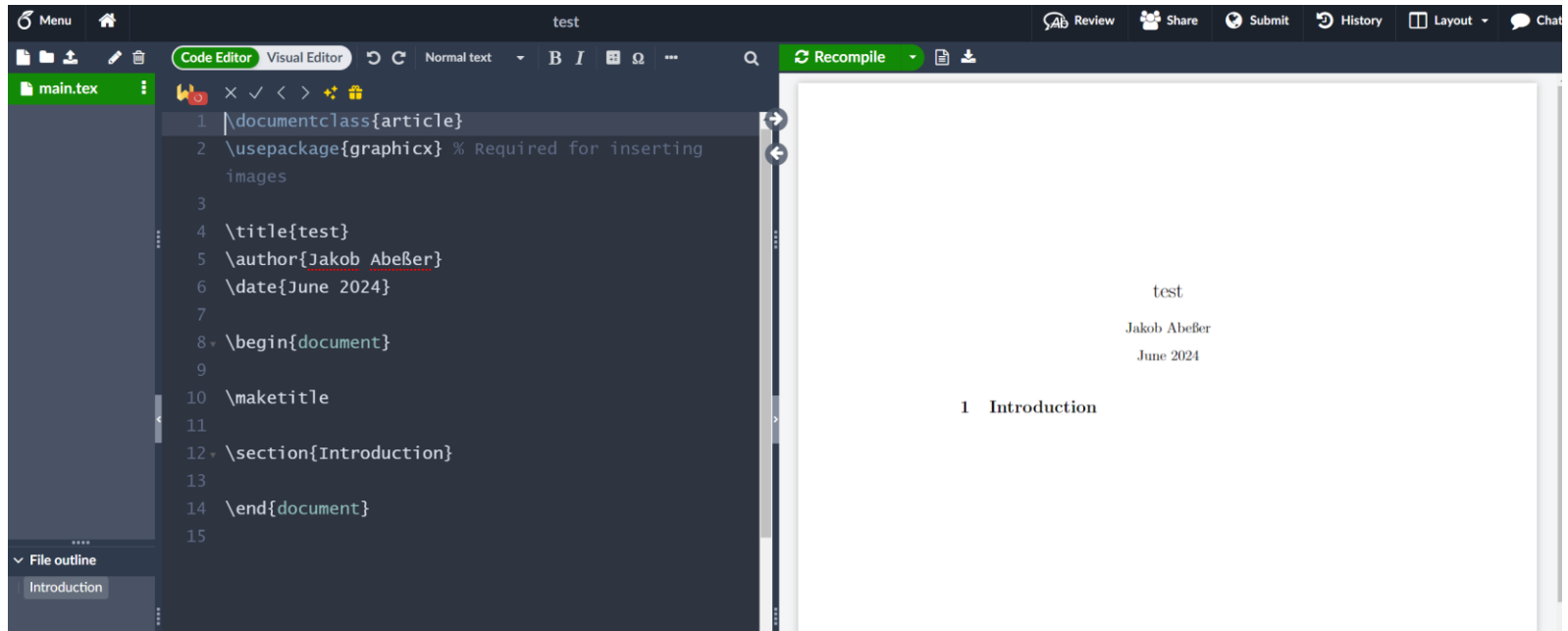
Literature Research

Goal 2: Short Presentation

- 27.06.2024: 5 min presentation + 5 min Q/A per project

    - 9:00 – 10:30: Fraunhofer IDMT (room 0.10, right of main entrance towards Ehrenbergstraße)

- Checklist

    - Structure

        - Introduction / Motivation

        - Related Work

        - Methodology

        - Evaluation & Conclusion

    - Face the audience
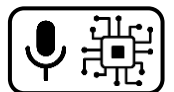
    - Q/A session

Literature Research

Tools

- LaTeX writing

    - Overleaf (browser-based): https://www.overleaf.com/

Literature Research

Tools

- LaTeX writing

    - JabRef (BibTeX reference management): https://www.jabref.org/
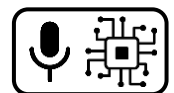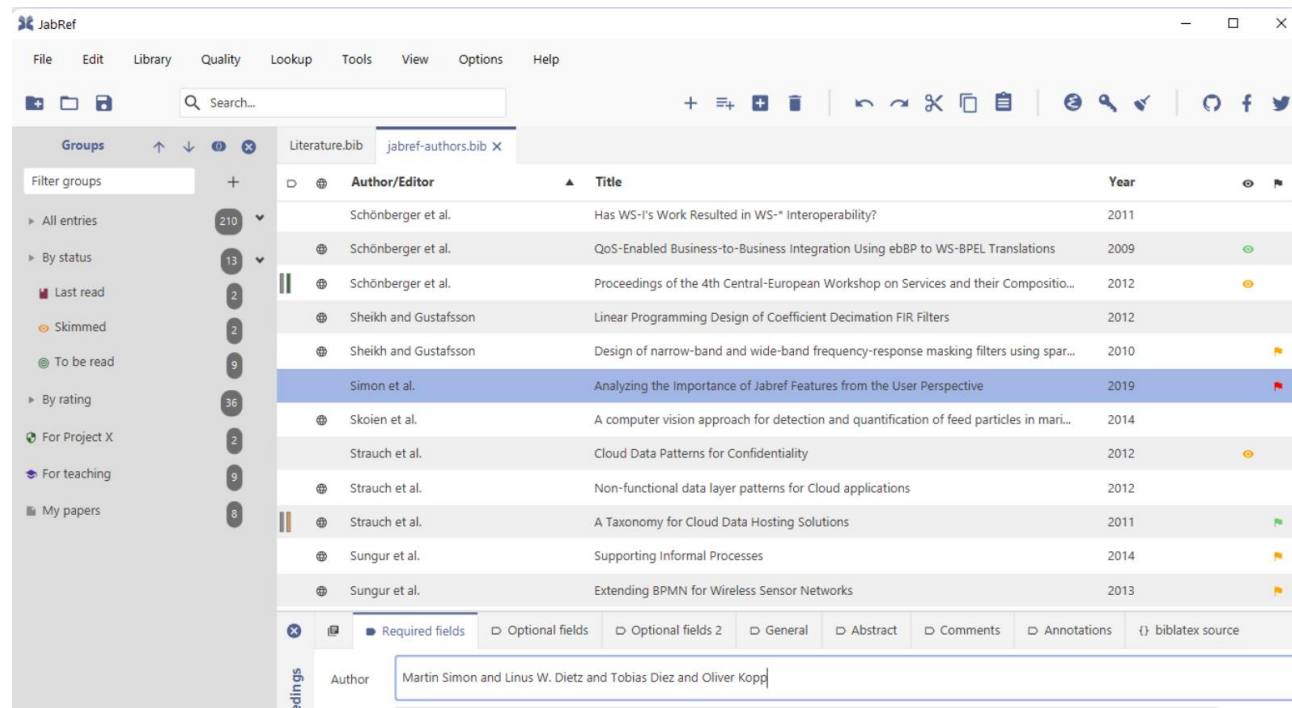
Literature Research

Tools

- Figures (flowcharts etc.)

    - Microsoft Powerpoint