

Teaching portfolio

1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.

1. 10-Feb-2023: A Lecture on Transformers for the MSc Deep Learning course (CE8-NDS, CE8-AVS, ES8), English
2. 3-May-2023: A Lecture on Transformers for the PhD Deep Learning course, English
3. 23-Feb-2024: A Lecture on Transformers for the MSc Deep Learning course (CE8-NDS, CE8-AVS, ES8), English
4. 18-22 March, 2024: Teaching Assistant to Zheng-Hua Tan for the Machine Learning PhD course, including a lecture on Deep learning (day 4), English
5. Feb-June 2024: Supervising 3 student groups for their projects on audio representation learning using Transformer based deep neural networks.
5. Nov 2024: Teaching Assistant to Zheng-Hua Tan for Self-Supervised Learning PhD Course, including a lecture on self-supervised learning approached for audio, English
6. March 2025: Teaching Transformers and Self-Supervised learning (1 lecture for each topic) for the MSc Deep Learning Course (CE8-NDS, CE8-AVS, ES8), English
7. March 2025: Teaching Assistant to Zheng-Hua Tan for the Machine Learning PhD course, including a lecture on Deep learning (day 4), English

2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.

1. March 2024: Contributed to course planning with respect to Machine Learning PhD course with Zheng-Hua Tan
2. Nov 2024: Planning activities for the Self-Supervised Learning PhD course with Zheng-Hua Tan
3. March 2025: Course planning for Self-supervised learning MSc course with Zheng-Hua Tan
4. March 2025: Course planning activities for Machine Learning PhD course with Zheng-Hua Tan

3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc

Basic Course with focus on PBL

4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.

Conference contributions and Talks

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1. 4 Oct 2023: Presenting my work on Multi-Window Masked Autoencoders at the Pioneer Center Moonshot Workshop
 2. 18 Dec 2023: Presenting my work on Multi-Window Masked Autoencoders at the Pioneer Center for AI visit
 3. May 2024: Poster presentation of our paper "Masked Autoencoders with Multi-Window Local-Global Attention Are Better Audio Learners" at ICLR 2024, Vienna, Austria.
 4. Sept 2024: Oral presentation of our paper "Audio Mamba: Selective State Spaces for Self-Supervised Audio Representations" at INTERSPEECH 2024, Kos Island, Greece.
 5. Oct 2024: Gave a short talk on "Self-supervised learning for Audio" at D3A Conference, Nyborg.

Other contributions to the scientific community

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1. Nov 2022 – Jan 2023: Reviewer, ICASSP 2023
 2. May - June 2023: Reviewer, MLSP 2023
 3. Aug 2023: Reviewer, ASRU 2023

- 4. Nov 2023: Reviewer, ICASSP 2024
- 5. April 2024: Reviewer, INTERSPEECH 2024
- 6. June 2024: Reviewer, MLSP 2024
- 7. Oct 2024: Reviewer, ICLR 2025
- 8. Feb 2025: Reviewer, IJCNN 2025
- 9. March 2025: Reviewer, INTERSPEECH 2025

5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.

No relevant activities yet

6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.

Type your answer here...

7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)

Type your answer here...

8. Any other information or comments.

Type your answer here...