

北陸先端科学技術大学院大学研究室教育指針
Laboratory Education Guideline

研究室教育指針は、学則第30条の3に基づき、研究指導の方法及び内容並びに修了までの研究指導の計画をあらかじめ明示するものです。

Based on the Article 30-3 of the general academic rules, the Laboratory Education Guideline is intended to clearly outline the methods and content of research guidance, as well as the plan for research guidance until completion.

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1. 研究テーマ / Research Theme
Audio information hiding, computational auditory model, modulation perception, speech security, deep learning for speech information processing
2. 修得が期待される能力 / Competencies expected to be acquired 研究室教育は必修 A 科目 (先端) 又は研究支援科目 (融合) の一部として単位化されており、この欄はそれら科目のシラバス上の達成目標の一部となります。 Laboratory Education is accredited as a part of the Required courses A (Division of Advanced Science and Technology) or Research Support Courses (Division of Transdisciplinary Sciences), and this section constitutes a part of the course goals stated in the syllabus for such subjects.
Students can gain wide research knowledge with regard to auditory, audio, and speech signal processing and communication skills to become experts. They can also have the chance to think logically, be creative, and have a profound insight into researching challenging topics. In particular, master's students can learn the ability to resolve research issues by themselves while PhD students can learn the ability to think up research seeds and adaptively cope with various issues from various points of view.
3. 研究指導方針 / Research Guiding Principle
Unoki Laboratory aims to investigate the basis of human auditory perception and its mechanism by taking two approaches of the scientific research on human auditory systems and audio signal processing. Laboratory members have meetings and seminars to study the basis of these two approaches and brainstorm for improving their own abilities to be future researchers. Each student has his/her own project for his/her MS or PhD dissertation. All laboratory members can share information and have important opportunities for doing his/her own research as well as working with the best laboratory members.
4. 研究室活動の内容及び方法 / Content and Methods of Laboratory Activities
<input type="checkbox"/> 日次活動 / Daily Activities : N/A <input type="checkbox"/> 週次活動 / Weekly Activities : Lab meeting (1 time/week) <input type="checkbox"/> 月次活動 / Monthly Activities : N/A <input type="checkbox"/> 不定期活動 / Occasional Activities : Individual meeting (2 times/month) , round lecture (12 times/year) , Summer Camp, Collaborative seminar with Tohoku Univ. RIEC.
5. 年間スケジュール / Annual Schedule 本学の全学共通の年間スケジュールは「履修案内」の「学位取得に至るスケジュール」を参照してください。(本学HP参照: ホーム>教育>履修関係>履修案内) Please refer to the "Degree conferment schedule for the master's program/doctoral program" in the "Degree Completion Guide" for university-wide common schedule (JAIST website: Home >Education>Taking Courses>Degree Completion Guide)
Oct. Welcome party Nov. Domestic conference/workshop Dec. M1 research-project Jan. Feb. RIEC-JAIST Collaborative workshop (Sendai or Kanazawa/Kaga) Mar. ASJ Spring meeting, Farewell party Apr. Welcome party May International conference (ICASSP) June July Domestic conference/workshop

Aug.	Summer camp
Sept.	ASJ Autumn meeting, International conference (Interspeech/EUSIPCO), Farewell party