

Division of Frontier Engineering	Research field	Adaptive Systems	Lab. ID
			FE17
Laboratory web site	http://leo.ec.t.kanazawa-u.ac.jp/		
Research subjects			
This laboratory studies systems with learning capability such as adaptive filters and neural networks. Research topics includes their convergence analysies, their structure, learning algorithms, efficient implementation, and application to communications systems. Researches on speech and audio, such as music source separation and noise reduction, are actively studied.			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
Every student has his/her own independent research topic. Students take two seminars. One for presentation and duscussion on their research topics. In the other seminar, students study equipment usage, programming and technical writing.			
Daily life in the laboratory, etc.			
A personal working desk with a personal computer is available for every student. High-performance servers with parallel accelerator such as nVIDIA TESLA K20 and Intel Xeon Phi can be used for heavy simulations. File servers with automatic data back-up keeps your files safely. For speech/audio experiments, multi-channel recorders and hi-quarity audio playback systems are available.			
Message or comments by the laboratory faculty staffs			
We are looking for students who work actively in their research. Most master graduates take occupation as enterprise staffs or public servants.			
Laboratory mail address	Akihiro HIRANO <hirano *at* t.kanazawa-u.ac.jp>		