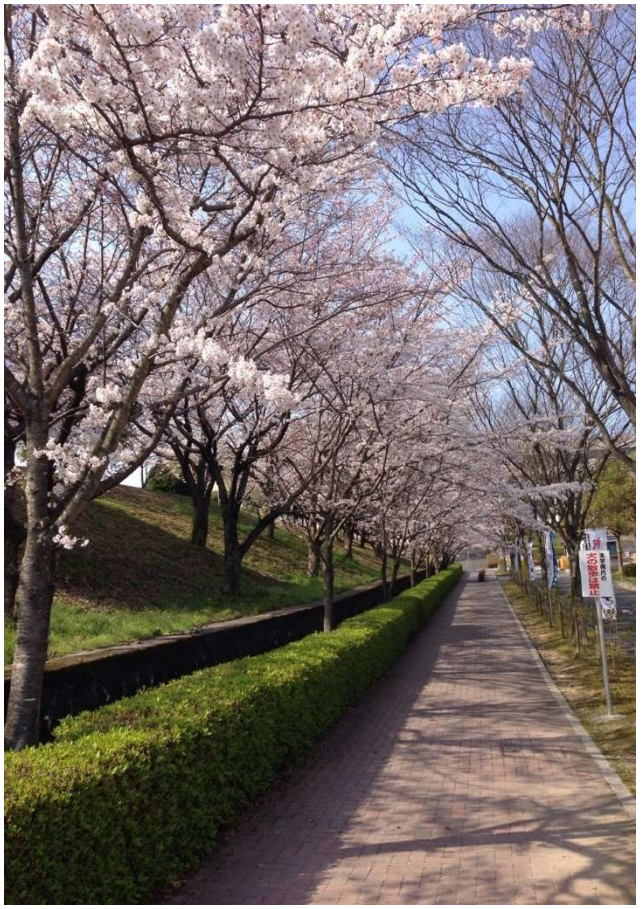
iART Program@

School of Computer Science and Systems Engineering Iizuka Campus



Kyutech
Kyushu Institute of Technology

Iizuka Campus

iART(Innovative AI Robotics Technology) Program

School of Computer Science and Systems Engineering

- iART program is open for Robotics, AI, System Control Engineering,
- Lecture in Japanese and English
- Project Based Learning (PBL)

Master course 2 years

Major of Interdisciplinary Informatics

Major of Advance Informatics

Major of Creative Informatics

Doctoral course 3 years

Major of Computer Science and Systems Engineering

Master Course

Requirements for completion of iART courses (leading innovative robotics and AI technologies)

Subject Classification	Course Basic	
Fundamental Subjects	6 credits or more	
Field Subjects	Specialized Program	At least 11 credits (including at least 1 credit of laboratory(exercise) courses) Note: Select the course to be taken.″
	GE Program	10 Credits or more Note 1 : Koukyu、Experimental exercises and supervised exercises are compulsory. Note2 : Japanese I and Japanese II must be taken. In the case that a student is unable to take a course due to unavoidable circumstances, the student may substitute an English course. (2)English VIIA, English VIID, English VIIIb, English VIIID, English IXB, English IXD English IXB, English IXD, English XA, English XB, English XD. English XA, English XB, and English XD. If you have passed JLPT N2 or higher Students who have passed the Japanese Language Proficiency Test N2 or higher must take 4 credits from English courses instead of Japanese courses.
	Socially-driven Program	6 Credits or more Note: Student must take Graduate School Practical Exercises I, II, III″ and ″Practical Exercises in Team Management″ Practical Exercise for Team Management″。
Number of Credits required for completion		34Credits or more

【Doctoral course】

Subject Classification	Course Basic	
Fandamental Subjects	2 credits or more	
Field Subjects	GE Program	6 credits or more Note：Kokyu、Experimental exercises and supervised exercises are compulsory.
	Sub-specialty subjects	2 credits or more Note：Take one course from "Practical Exercises for Graduate School I, II, III".
Number of Credits required for completion		10 credits or more

iART Courses

In addition to the subjects that must be registered as specified by the field of study Students must register for the following courses.

- Advanced Practice I,II,III (PBL)
- Team Management
- Japanese I, II or
- Advanced English

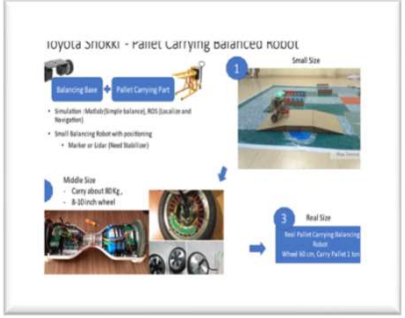
(In case you have Japanese Level N2 up)

FA Robot research and delopment project

Exercise on Advanced Robotics Integration
Develop the Service Robot

Agricultural Robot

Aoutonomous Agricultural Robot



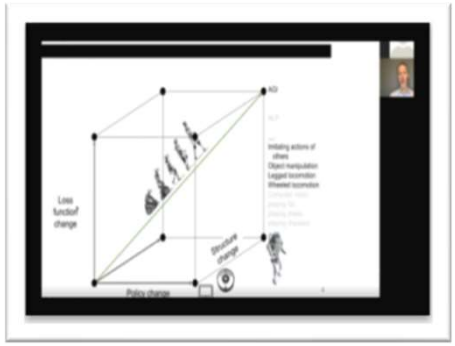
Develop a balancing robot for carrying pallets in the warehouse.(Toyota Industries)

Japanese Class

Cooperation with the top class of researchers

As part of the Regional Revitalization Project, we invited top engineers or researchers join the project to realize a productivity revolution in manufacturing companies using innovative robot technology.

Mr. Steve Cousins, the founder, and CEO of Savioke Inc, give a lecture to Kyutech students on the Exercise on advanced Robotics Integration class 1-2 times per months



Prof. Josh Bongard, the professor from the University of Vermont lectured to3 campuses of Kyutech students on January 12, 14,2021

Professors from AIST lectured to 3 campuses students and the local companies on March 16, 2021

Prof. Rolf Pfeifer,University of Zurich lectured to 3campuses of Kyutech students onSeptember 25-27, 2019.

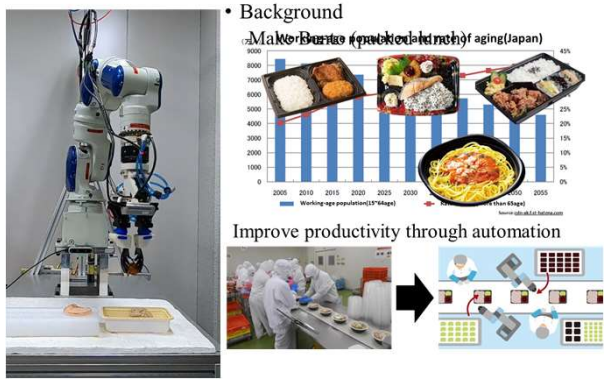
Mr. Steve Cousins, the founder and CEO of Savioke Inc, participated in the Conference and lectured to Kyutech students on September 25-27, 2019

Meeting with the researchers from Slovenia and USA

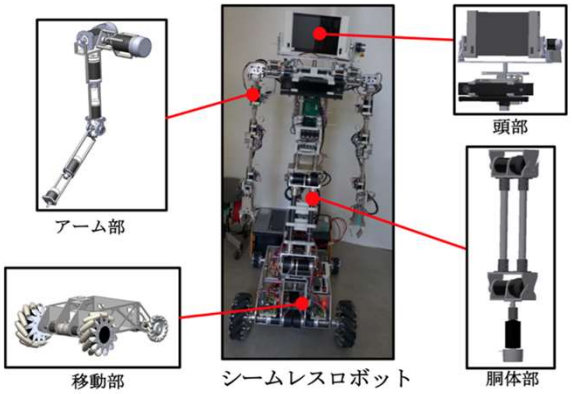
Hayashi Laboratories

The research on Automotic Performance Piano

Autonomous Ground Vehicle(AGV)"Soma"



Factory Automation Robot

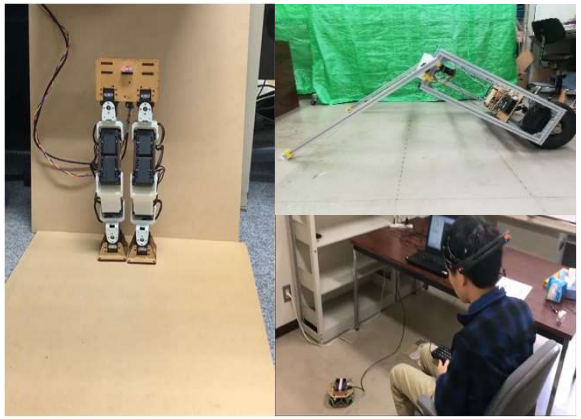


Seamless Robot

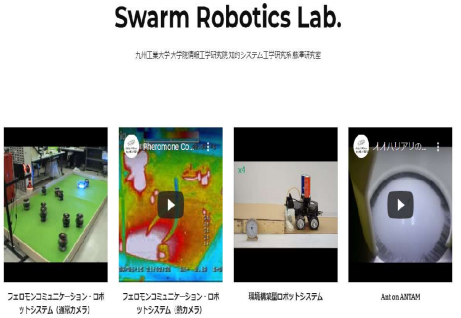
hayashilab@mmcs.mse.kyutech.ac.jp

Laboratories

Ohtake Lab
Develop flying robots like birds



Professor Jun Kobayashi Lab
Develop mobile robots

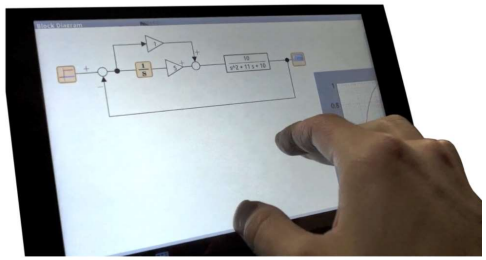


Fujisawa Lab
Research on Swarm Robotics

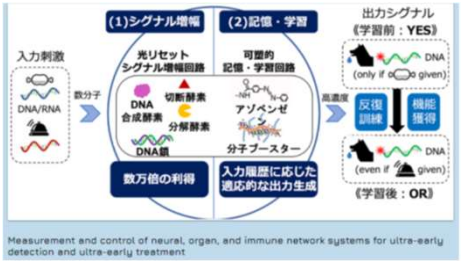
Saitoh Lab
Development of next-generation voice interface lip reading technology , reads utterance content from lip movement

制御系CAD研究室(古賀研究室)

安全・安心・効率的な社会づくりを支える制御系開発のICTによる総合的支援

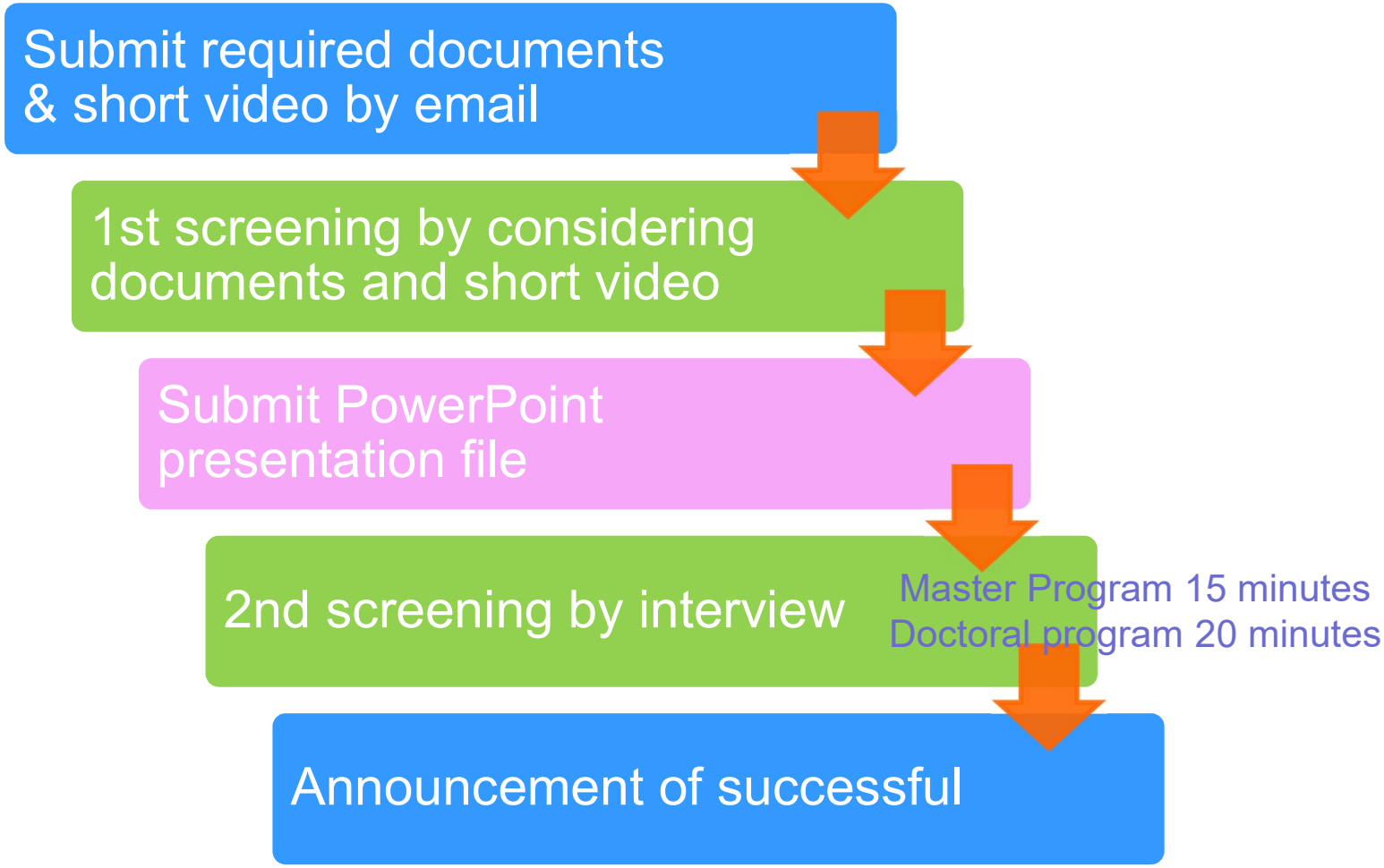


Koga Lab
Research on Control System CAD



Nakakuki Lab
Research on Systems Biology
Molecular Robot for medical applications, Molecular Cybernetics, System Biology

iART Program : Application of MEXT Scholarship procedure

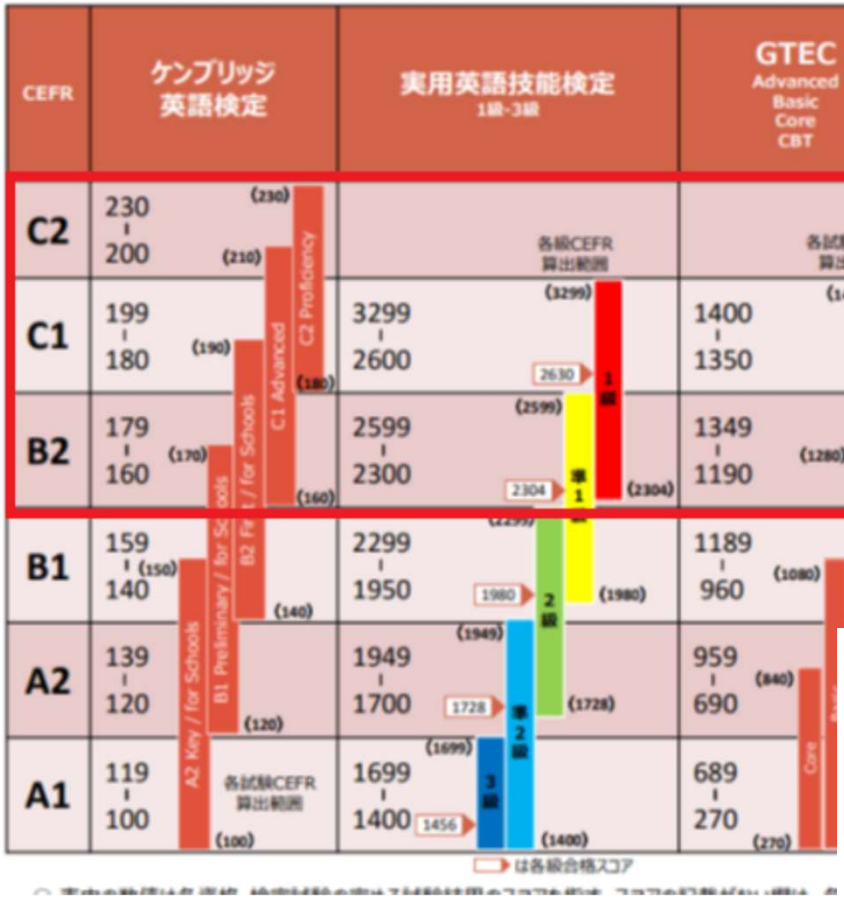


Document to be submitted

1.	**Application Form (MEXT Form 1)**
2.	Field of Study and Research Plan (MEXT Form2) Please write on A4 size
3.	Official Transcript (Original) ● An Official transcript must be issued by the president or dean of the university from which the applicant graduated (or will graduate) with the school stamp or embossed seal and the signature of the authorizing official. ● Please attached grading System explanation. e.g. A = 100-90, B=89-80 C=79-70, D= 69-60, F= <59
4.	Proof of Graduation from the graduated university - Master Program Certificate of (Expected) Graduation - Doctoral Program Certificate of (Expected) Graduation and diploma(degree)
5.	Recommendation Letter from the graduated university - Letter of Recommendation from the Head of Department or higher level to President of Kyushu Institute of Technology
6.	Official document indicating your high achievement in the most recent university - This official document should indicate your high achievement. For example rank in the class, GPA, or state in the letter what rank you got from how many people in the department or school.
7.	Abstract of your thesis and papers Please summarize your thesis clearly and concisely.
8.	Proof of language ability either English or Japanese English - Applicant must have a certificate of Common European Framework of Reference for Language (CEFR) Level B2 or higher. You can use IELTS, TOEFL, TOEIC (Listening score= 400 ～、Reading＝385 ～) Japanese - Or applicant must have Japanese Language Proficiency Test(JLPT) Level N2 or more
9.	Copy of Passport *If you have no passport, Copy of ID card (English version)
10.	Photos (3-4 photos) 4.5cmx3.5cm
11.	Self introduction short video (around 5 minutes)
12.	Presentation file (Master course 15 minutes, Doctoral course 20 minutes) *CV + Skill, Experience, Research Plan Submit after passing 1st screening
13.	Health Check (submit after passing the final examination)

各資格・検定試験とCEFRとの対照表

文部科学省（平成30年3月）



CEFRレベル＊		TOEIC® Listening & Reading スコア		TOEIC® Speaking &Writing スコア	
		Listening	Reading	Speaking	Writing
Professional User	C1	490～	455～	180～	180～
Independent User	B2	400～	385～	160～	150～
	B1	275～	275～	120～	120～
Basic User	A2	110～	115～	90～	70～
	A1	60～	60～	50～	30～

難しい（上級）

易しい（初級）

How to apply

Professor HAYASHI Eiji
Deputy Executive Director for regional Academia Industry revitalization
Director of the Center for Socio Robotic Synthesis

Kyushu Institute of Technology
Department of Intelligent and Control Systems (Robotic Course)
School of Computer Science and System Engineering
680-4 Kawazu, Iizuka, Fukuoka, 850-8502
Email : hayashilab@mmcs.mse.kyutech.ac.jp
https://www.kyutech.ac.jp/

Email address

Application form

Or feel free to chat with APIRADEE Horie for more information about program.

Email:
hayashilab@mmcs.mse.kyutech.ac.jp

iART Program

http://www.iizuka.kyutech.ac.jp/iart