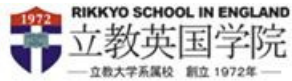
2018 UK-Japan Young Scientists Workshop
Guide to Tohoku and Tohoku University

30th July – 5th August, 2018



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Name : _____

School : _____

2018 UK-Japan Young Scientists Workshop: Draft Timetable in Tohoku and Tohoku Univ.

2018	breakfast	morning session	lunch	afternoon session	supper	evening
Mon 30 Jul		Leave for Aizu Univ. via Koriyama	Lunch at Aizu Univ. (12:00)	First Meeting (13:30) Lecture (14:00) Leave Aizu Univ. (15:00) Visit Tsuruga Castle (15:15-16:45)	Supper (18:30) at Inawashiro Hotel	Cultural Exchange #1 (Inc. School Introductions) (19:30-20:30)
Tue 31 Jul	Breakfast (6:30)	Departure (7:30) Visit Mt. Bandai Museum (8:00-8:30) Visit Fukushima Centre for Environmental Creation (10:30-14:00)	lunch at Fukushima Centre for Environmental Creation	Presentations (12:45-15:45) Visit Fukushima Renewable Energy Institute, AIST (FREA) (15:00-16:30) Arrive at Hotel (18:30)	Supper (19:00) at Hotel Route Inn Sendai East	Cultural Exchange #2 (Inc. School Introductions) (20:00-21:30)
Wed 1 Aug	Breakfast (7:00)	Departure (8:15) Visit Iwanuma (8:15) and Yuriage Coastal Areas (10:00) Visit Arahama (11:10) and Shiogama (12:30)	lunch at Shiogama	Board a Sightseeing Ship (13:00-13:50) Visit Matsushima (13:30-15:00) Visit Sendai coast (15:00-17:30)	Supper (18:30)	Cultural Exchange #3 (Inc. School Introductions) (19:30-20:30)
Thu 2 Aug	Breakfast (7:00)	Departure (8:00) to Tohoku Univ. Opening Ceremony (9:30) Projects (11:00)	lunch at Tohoku Univ.	Projects	Supper (18:30)	Cultural Exchange #4 (Inc. School Introductions) (19:30-20:30)
Fri 3 Aug	Breakfast (7:00)	Departure (8:00) to Tohoku Univ. Projects (9:30)	lunch at Tohoku Univ.	Projects	Supper (18:30)	Cultural Exchange #5 (Inc. School Introductions) (19:30-20:30) Gift Exchange
Sat 4 Aug	Breakfast (7:00)	Departure (8:00) to Tohoku Univ. Projects (9:30)	lunch at Tohoku Univ.	Projects	Supper (18:30)	Preparation for Presentations
Sun 5 Aug	Breakfast (7:00)	Departure (9:00) to Tohoku Univ. Final Presentation (10:30-12:00)	lunch at Tohoku Univ.	Final Presentation (13:00-14:45) Closing Ceremony (14:55-15:50) Workshop Dinner at DOCK (16:00-18:00)	Departure (18:00) to Tokyo	

Timetables

※Bs: British Students including Rikkyo England, Js: Japanese students

Day 1 **30th July (Monday)**

Time	Activities	Location
Morning	**Bs**: Travel to Aizu University. by bus	From Tokyo to Aizu
9:00	**Js**: Departure of the bus for Koriyama Sta.	Fukushima Sta. West Exit (**Bus A**)
10:20	**Js**: Gather, Getting on the bus, and Departure for Aizu Univ. by 10:30	Koriyama Sta. West Exit (**Bus A**)
11:30	Arrival at University of Aizu	University of Aizu
12:00	Lunch	
13:30	Opening Ceremony ★Speeches by Fukushima HS & Sale	
14:00	Lecture on Cyberspatial Media	
15:00	Departure for Tsuruga Castle	**Bus A**: Project 1 to 5 **Bus B**: Project 6 to 10
15:15	Free time in Tsuruga Castle	Aizu Tsuruga Castle
16:45	Departure for the hotel	**Bus A**: Project 1 to 5 **Bus B**: Project 6 to 10
17:35	Check-in	Inawashiro Kanko Hotel
18:00	Supper (Dining Room)	
19:30 ~ 20:30	Cultural Exchange #1 (School Introductions) ★Speeches by Fukukshima HS Iwaki HS School 21	
20:30~ 22:00	Preparation for check-out Bath (student)	

Day 2 **31th July (Tuesday)**

Time	Activities	Location
6:30	Breakfast	Dining Room
7:30	Check-out Departure for Mt. Bandai Eruption Museum	**Bus A**: Project 1 to 5 **Bus B**: Project 6 to 10
8:00	Lecture on Geology & Volcanoes ★Presentation by Fukushima HS	Mt. Bandai Eruption Museum
9:30	Departure for Fukushima Prefectural Centre for Environmental Creation	
10:30	Study about environmental issues at Fukushima Prefectural Centre for Environmental Creation	Fukushima Prefectural Centre for Environmental Creation
12:00	Lunch	
12:45	Study about recovery efforts from the 2011 earthquake & radiation ★Presentation by Iwaki HS, Soma HS	
14:00	Departure for Fukushima Renewable Energy Institute, AIST(FREA)	**Bus A**: Project 1 to 5 **Bus B**: Project 6 to 10
15:00	Study about renewable energy at Fukushima Renewable Energy Institute, AIST(FREA)	Fukushima Renewable Energy Institute, AIST(FREA)
16:30	Departure for the hotel	**Bus A**: Project 1 to 5 **Bus B**: Project 6 to 10
18:30	Check-in	Hotel Route Inn Sendai East
19:00	Supper (Dining Room)	
20:00	Cultural Exchange #2 (School Introductions) ★Speeches by Souma HS UCL Academy Tohmas Hardye School	
21:00~ 22:00	Bath (student)	

Day 3 **1st August (Wednesday)**

Time	Activities	Location
7:00	Breakfast	Dining Room
8:15	Departure for Iwanuma	**Bus A**: Project 1 to 5 **Bus B**: Project 6 to 10
9:15	Arrival at Millennium Hope Hill	Iwanuma coast
9:45	Departure for Yuriage	
10:00	Arrival at Yuriage coast	Yuriage coast
10:30	Departure for Arahama elementary school	
11:10	Arrival at Arahama elementary school	Arahama elementary school
12:00	Departure for Shiogama	
12:30	Arrival at Shiogama coast Lunch	Shiogama coast
13:00	Board, looking at Tsunami damage & recovery	
13:50	Arrival at Matsushima coast Walk around Matsushima coast	Matsushima coast
15:00	Departure for Sendai coast	
15:30	Arrival at Sendai coast Walk around Sendai coast	Sendai coast
17:30	Departure for the hotel	
18:00	Arrival at the hotel Preparation for the Public Presentation	Hotel Route Inn Sendai East
18:30	Supper (Dining Room)	
19:30	Cultural Exchange #3 (School Introductions) ★Speeches by Tsuruoka Minami HS Hinchley Wood School	
20:30~ 22:00	Bath (student)	

Day 4 **2nd August (Thursday)**

Time	Activities	Location
7:00	Breakfast	Dining Room
8:00	Departure for Tohoku Univ.	From Tohoku Univ. to the hotel By subway
9:30	Opening Ceremony for workshop ★Speeches by Tsuruoka Minami HS & UCL Academy	2F, Centre Hall (Map: Aobayama, C01)
10:30	**Project No. 8, 9, 10**: Departure for Katahira	Tohoku Univ.
	Workshop #1	
17:30	Departure for the hotel	From Tohoku Univ. to the hotel By subway
18:15	Arrival at the hotel	Hotel Route Inn Sendai East
18:30	Supper(Dining Room)	
19:30	Cultural Exchange #4 (School Introductions) ★Speeches by Yonezawa Koujokan HS Newnham Collegiated 6th Form Centre	
20:30~ 22:00	Bath (student)	

Day 5 **3rd August (Friday)**

Time	Activities	Location
7:00	Breakfast	Dining Room
8:00	Departure for Tohoku Univ.	Tohoku Univ.
9:30	**Workshop #2**	
17:30	Departure for the hotel	
18:15	Arrival at the hotel	Hotel Route Inn Sendai East
18:30	Supper (Dining Room)	
19:30	Cultural Exchange #5 (Gift Exchange) ★Speeches by Rikkyo Ikebukuro HS The Sele School	
20:30~ 22:00	Bath (student)	

Day 6 **4th August (Saturday)**

Time	Activities	Location
7:00	Breakfast	Dining Room
8:00	Departure for Tohoku Univ.	Tohoku Univ.
9:30	**Workshop #3 *Teacher's Forum**	
17:30	Departure for the hotel	
18:15	Arrival at the hotel	Hotel Route Inn Sendai East
18:45	Supper (Dining Room)	
19:30	Preparation for the Public Presentation	
20:30~ 22:00	Bath (student) Preparation for check-out	

Day 7 **5th August (Sunday)**

Time	Activities	Location
7:00	Breakfast	Dining Room
9:00	Departure for Tohoku Univ.	
10:30 - 12:00	**Public Presentation#1** (See below)	2F, Centre Hall (Map: Aobayama, C01)
	Lunch	
13:00 - 15:50	**Public Presentation#2** (See below) ★Speeches by Yonezawa koujoukan HS & Thomas Hardy	2F, Centre Hall (Map: Aobayama, C01)
	Break and Preparation for dinner	
16:00	**Workshop Dinner** (See below) ★Speeches by Rikkyo Ikebukuro & NCS	1F, DOCK (Map: Aobayama, C01)
18:00	**Bs**: Departure for Tokyo **Js**: Departure from Tohoku Univ.	**Bs**: bullet train

Public Presentation at Tohoku University

Time	Activities
10:30-12:00	Opening Ceremony Presentation #1 (4 projects - Presentation: 10 min. / Q and A: 5 min. / Preparation: 3 min.)
12:00-13:00	Lunch Break
13:00-14:45	Presentation #2 (6 projects - Presentation: 10 min. / Q and A: 5 min. / Preparation: 3 min.)
14:45-14:55	Break
14:55-15:50	Comments by President of Barclays Japan
	Comments by Representative of Tohoku University
	Comments by Representative of UK
	Speeches by Teacher of Yonezawa koujoukan HS
	Speeches by Student of Yonezawa koujoukan HS
	Speeches by Student of UK
	Speeches by Principal of Fukushima HS
15:50-16:00	Break
16:00-18:00	Workshop Dinner

Students from the UK

	School Name	Name	G	Room 30 Jul	Room 31 Jul	Room 1 Aug	Room 2 Aug	Room 3 Aug	Room 4 Aug	Project
UK S1	School 21, Stratford, London	Ahmet Lushi	M	436	906					4
UK S2		Djamila Barcelos Cardoso	F	428	604					5
UK S3		Madeeha Khalid	F	426	703					8
UK S4		Toni-Lee Francis-Clarke	F	423	625					7
UK S5	UCL Academy	Harry Softley Graham	M	436	1104					9
UK S6		Nahida Begum	F	428	706					10
UK S7		Philip Poliziani	M	435	914					4
UK S8		Priscilla Arthur	F	423	605					3
UK S9	Thomas Hardye School, Dorchester	Alexander Younger	M	433	1105					5
UK S10		Alice Kirkup	F	428	709					3
UK S11		Kirian Johnson	F	426	610					6
UK S12		Sapphire Sawyer	F	422	722					1
UK S13		Sol Steele	M	432	918					7
UK S14	Hinchley Wood, Esher	Guy Doublet	M	435	1116					10
UK S15		Helen Harmer	F	425	615					4
UK S16		James Oswick	M	432	919					1
UK S17		Sam Bennett	M	436	1123					9
UK S18		Larissa Brenner	F	427	714					8
UK S19	Newham Collegiate 6th Form Centre, East Ham	Ashni Rathod	F	427	616					9
UK S20		Fatima Ayub Hasan	F	425	718					2
UK S21		Rahat Mohammed Uddin	M	433	923					10
UK S22		Vithurshika Vimal	F	422	621					6
UK S23	The Sele School, Hertford	Jordan Russell	M	435	1119					2
UK S24		Victoria Lear	F	426	723					1
UK S25	Rikkyo School in England	Lian Yanagida	F	427	618					6

Teachers from the UK

	School Name	Name	G	Room 30 Jul	Room 31 Jul	Room 1 Aug	Room 2 Aug	Room 3 Aug	Room 4 Aug
UK T1	School 21, Stratford, London	Matthew Kizintas	M	437	925				
UK T2	UCL Academy	Owen Hobbs	M	437	909				
UK T3	Thomas Hardye School, Dorchester	Simon Lewis	M	437	314				
UK T4	Hinchley Wood, Esher	Alexander Bishop	M	522	315				
UK T5	Newnham Collegiated 6th Form Centre, East Ham	Lynne Wooldridge	F	429	305				
UK T6	The Sele School, Hertford	Robin Atkins.	M	522	316				
UK T7	County Upper, Bury St Edmunds	Mary-Grace Browning	F	429	601				
UK T8	Rikkyo School in England	Toru Okano	M	522	1125				

Students from Japan

	School Name	Name	G	Room 30 Jul	Room 31 Jul	Room 1 Aug	Room 2 Aug	Room 3 Aug	Room 4 Aug	Project
J S1	Fukushima High School, Fukushima	Airi Kowata	F	422			603			7
J S2		Kotomi Sakuma	F	423			704			7
J S3		Haruka Monma	F	425			623			2
J S4		Daisuke Takano	M	432			904			10
J S5		Momono Higuchi	F	426			725			5
J S6		Kai Imanishi	M	433			1103			2
J S7	Iwaki High School, Fukushima	Ayu Shiga	F	422			606			3
J S8	Souma High School, Fukushima	Ayaka Konno	F	422			705			3
J S9		Ryouka Yuhara	F	423			609			2
J S10		Misaki Watanabe	F	425			721			6
J S11	Tsuruoka minami High School, Yamagata	Kaho Goto	F	423			614			4
J S12		Haruto Makisaka	M	432			905			9
J S13		Tomoki Murooka	M	433			1106			5
J S14	Yonezawa koujoukan High School, Yamagata	Kaishu Gamo	M	432			916			9
J S15		Yuma Koseki	M	435			1118			10
J S16		Natsuna Abe	F	425			710			6
J S17	Rikyo Ikebukuro High School, Tokyo	Taisei Shimabukuro	M	433			921			8
J S18		Hirooki Fujita	M	435			1121			1
J S19		Tomohiro Hamada	M	436			922			4
J S20	Kagakusha no Tamago	Eimi Yahata	F	426			619			5
J S21		Yuna Kuwahara	F	427			715			3
J S22		Yuka Komatsu	F	427			622			8
J S23		Kiko Katayama	F	428			716			8
J S24		Yuga Mizusawa	M	436			1122			1
J S25		Karin Sumiya	F	428			719			7

Teachers from Japan

	School Name	Name	G	Room 30 Jul	Room 31 Jul	Room 1 Aug	Room 2 Aug	Room 3 Aug	Room 4 Aug
J T1	Fukushima High School, Fukushima	Ryota Endo	M	431	901				
J T2		Kanako Watanabe	F	421	701				
J T3		Rie Tsujimoto	F	421	303				
J T4		Mariko Sato	F				303		
J T5	Iwaki High School, Fukushima	Shinichi Nihei	M	431	915				
J T6	Souma High School, Fukushima	Kouzou Matsuoka	M	431	1101				
J T7	Tsuruoka minami High School, Yamagata	Shunji Inoguchi	M	521	1109				
J T8		Akira Hasegawa	M				1109		
J T9	Yonezawa koujoukan High School, Yamagata	Koujiro Nakamura	M	521	1115				
J T10	Rikyo Ikebukuro High School, Tokyo	Hiroshi Goto	M	521	309				
J T11	Kagakusha no Tamago	Miwa Kuri	F	421					
J T12		Yukiyiro Ito	M		310				

Project No.	**1**	
Title	Visualization of cellular viability	
Supervisor	Prof. Hitoshi Shiku, Institute of Technology	
Venue	Engineering Laboratory Complex Building 405 (Map:Aobayama,C10)	
Participants	Sapphire Sawyer (F)	Hirooki Fujita (M)
	James Oswick (M)	Yuga Mizusawa (M)
	Victoria Lear (F)	

Cell is a basic unit to construct our body. Animal cells interact with their environmental materials and the other cells so that cellular functions can be expressed as playing their original roles. In this workshop, cellular functions will be visualized based on fluorescent probe technique, for various culture conditions and drug responses. We also learn methods for cell culturing, passage, aseptic operation and optical microscopy.

Project No.	**2**	
Supervisor	Dr. Miwa Kuri, IRIDeS (International Research Institute of Disaster Science)	
Venue	Engineering Laboratory Complex Building 901-2 (Map:Aobayama,C10)	
Participants	Fatima Ayub Hasan (F)	Ryouka Yuhara (F)
	Jordan Russell (M)	Haruka Monma (F)
		Kai Imanishi (M)

The 2012 White Paper on Science summarizes lessons on mainly two points related to earthquake and tsunami science and technology as well as society that were learned from the March 11, 2011 Great East Japan Earthquake. The first point is there was less information on the earthquake and tsunami than was needed by society. The second point is overconfidence in artificial structures caused tremendous human suffering and loss of life. The course will focus on decision making for disaster: self-, mutual- and public.

Project No.	**3**	
Title	Water Disinfection and Sustainable Development Goals	
Supervisor	Prof. Daisuke Sano, Graduate School of Environmental Studies	
Venue	Civil Engineering and Architecture Education Building 306 (Map: Aobayama, F01)	
Participants	Alice Kirkup (F)	Ayaka Konno (F)
	Priscilla Arthur (F)	Ayu Shiga (F)
		Yuna Kuwahara (F)

A huge number of people are affected by waterborne infectious diseases over the world. In order to overcome the burden of waterborne infectious diseases, one of the Sustainable Development Goals has been set to "Ensure availability and sustainable management of water and sanitatin for all." In this workshop, the participants will learn what the index of water safety is through the mesurement of microorganism counts in water and how water disinfection can contribute to the reduction of microorganisms in water.

Project No.	**4**	
Title	Quantitative Measurement of Radioactivity in Soil	
Supervisor	Dr. Masashi Kaneta,Department of Physics	
Venue	Science Complex B 642 (Map:Aobayama,H03)	
Participants	Ahmet Lushi (M)	Kaho Goto (F)
	Philip Poliziani (M)	Tomohiro Hamada (M)
	Helen Harmer (F)	

When you consider effects of radiation to a biological body, it need to be based on quantitative measurement. It will be one of items for decisions that you have enough knowledge how to identify species of radioactive material and how to measure quantity of radioactive nuclide. You will learn the basic of radiation measurement by experiments in the workshop. Additionally, it is scheduled to measure radioactivity in soil and we will discuss quantitative difference as a function of area.

Project No.	**5**	
Title	Let`s think about tsunami disaster mitigation	
Supervisor	Dr.Suppasri Anawat,IRIDeS (International Research Institute of Disaster Science)	
Venue	International Research Institute of Disaster Science 305 (Map:Aobayama,J31)	
Participants	Djamila Barcelos Cardoso (F)	Tomoki Murooka (M)
	Alexander Younger (M)	Momono Higuchi (F)
		Eimi Yahata (F)

We will use available information from internet and Google Earth, etc to estimate tsunami characteristics (height, speed and force), predict possible damage and create evacuation map. Disaster resillience plan for a selected target area will be proposed based on a combination of structural measures (seawall, elevated land, etc) and non-structural measures (warning, evacuation, education, etc).

Project No.	**6**	
Title	Protein production of rice under dark condition	
Supervisor	Prof. Yukihiro Ito, Environmental Bioscience	
Venue	Multidisciplinary Research Laboratory for Agricultural Science E401 (Map:Aobayama, K01)	
Participants	Kirian Johnson (F)	Misaki Watanabe (F)
	Vithurshika Vimal (F)	Natsuna Abe (F)
	Lian Yanagida (F)	

If plants produce a similar amount of proteins even under dark condition, it is very cost-effective. Moreover, since dark condition suppresses photosynthesis protein production, the amount of protein of interest may increase. In this course, we study protein production of rice under dark condition and effects of nutrition on protein production. This study will contribute cost-effective production of useful proteins in near future.

Project No.	**7**	
Title	Analysis of the difference of speech emotion between English and Japanese	
Supervisor	Prof. Akinori Ito	
Venue	Electrical, Information and Physics Engineering Building No. 1 542 (Map: Aobayama, D10)	
Participants	Toni-Lee Francis-Clarke (F)	Karin Sumiya (F)
	Sol Steele (M)	Kotomi Sakuma (F)
		Airi Kowata (F)

In this theme, we target on the English and Japanese speech. The students first record their speech utterances with intended emotions and analyze the acoustic difference of them. Also a simple emotion recognition experiment is conducted. Specifically, first they have a lecture about the basis of speech signal and information processing. After that, they record their emotional speech in the soundproof room in the laboratory. Next, they extract features such as fundamental frequency and power from the recorded speech, and analyze the difference of them in terms of the emotion and language. Finally they conduct a simple emotion classification experiment based on the Euclidean distance using these features, and discuss the result.

Project No.	**8**	
Title	Nitrogen cycle by symbiotic microorganisms	
Supervisor	Dr. Kiwamu Minamisawa, Graduate School of Life Science	
Venue	Graduate School of Life Sciences Building 103 (Map:Katahira,D05)	
Participants	Madeeha Khalid (F)	Kiko Katayama (F)
	Larissa Brenner (F)	Yuka Komatsu (F)
		Taisei Shimabukuro (M)

The nitrogen cycle is one of the important element cycles in terrestrial ecosystems, with agricultural and environmental implications. In the roots of leguminous plants, greenhouse gas nitrous oxide (N2O) is emitted. Leguminous plants host nitrogen-fixing soil bacteria (rhizobia) that can both produce and reduce N2O during denitrification of rhizobia from nitrate to nitrogen, which is biologically an anoxic respiration system. Our interest is to understand how the denitrification capability depends on rhizobial species in soil environments. We plan lectures with these backgrounds and experiments to assay denitrification capabilities of two species of soybean rhizobia."

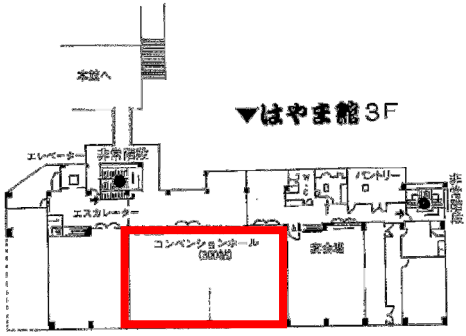
Project No.	**9**	
Title	Visualization and analysis of hidden nano-technologies in our daily life	
Supervisor	Dr. Ryotaro Kumashiro,WPI-AIMR (Advanced Institute for Materials Research)	
Venue	WPI- AIMR Main Building 2A (Map:Katahira,B01)	
Participants	Harry Graham (M)	Haruto Makisaka (M)
	Sam Bennett (M)	Kaishu Gamo (M)
	Ashni Rathod (F)	

To observe and visualize fine structures on the inner surface of plastic lids, which commonly used for food containers, in millimeter to sub-micron level. Also to discuss surface structure and its resulting effect. Furthermore, we try to understand visualized-fine-structures in the framework of mathematical and geometrical interpretation, and try to extrapolate the changes in effectiveness caused by external environment such as temperature and pressure.

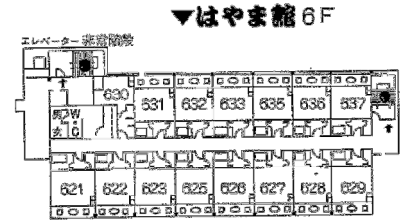
Project No.	**10**	
Title	Nanoscale Electrochemical Imaging on Cutting-edge Materials with World Leading Resolution	
Supervisor	Prof. Akichika Kumatani,WPI-AIMR (Advanced Institute for Materials Research)	
Venue	WPI- AIMR Main Building 5A, 2A (Map:Katahira,B01)	
Participants	Nahida Begum (F)	Yuma Koseki (M)
	Guy Doublet (M)	Daisuke Takano (M)
	Rahat Mohammed Uddin (M)	

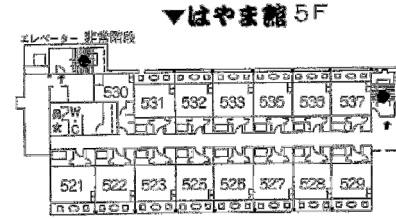
This project is opened to obtain nanoscale electrochemical imaging by nanoSECCM. The nanoSECCM is one of electrochemical microscopies with world-leading resolution. The high resolution was secured by a nanoscale glass pipette as a probe. You will challenge to create the “nano”-pipettes (~100 nm diameter) at first, and then fill a metal wire electrode and electrolyte inside the pipettes. As materials to investigate, you will prepare one atom thick two-dimensional (2D) materials (e.g. graphene: the Nobel Prize 2010 in physics). By nanoSECCM on 2D materials, you will visualize the electrochemical reaction as nanoscale electrochemical imaging.

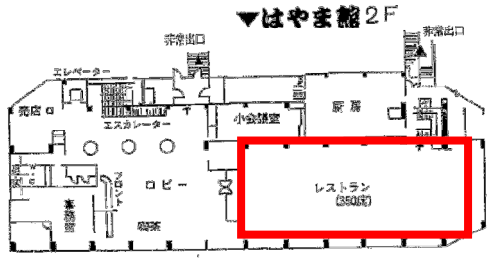
Inawashiro Kanko Hotel (Fukushima, 30th July)



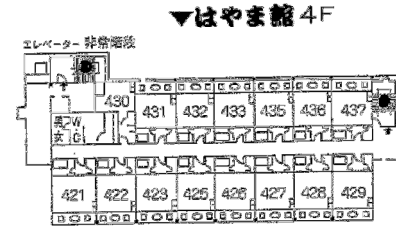
Convention hall

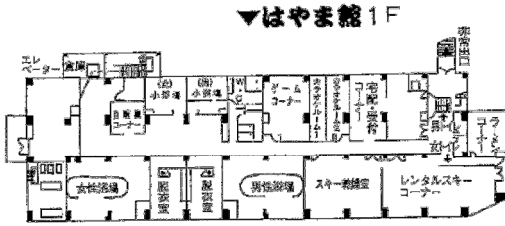






Restaurant

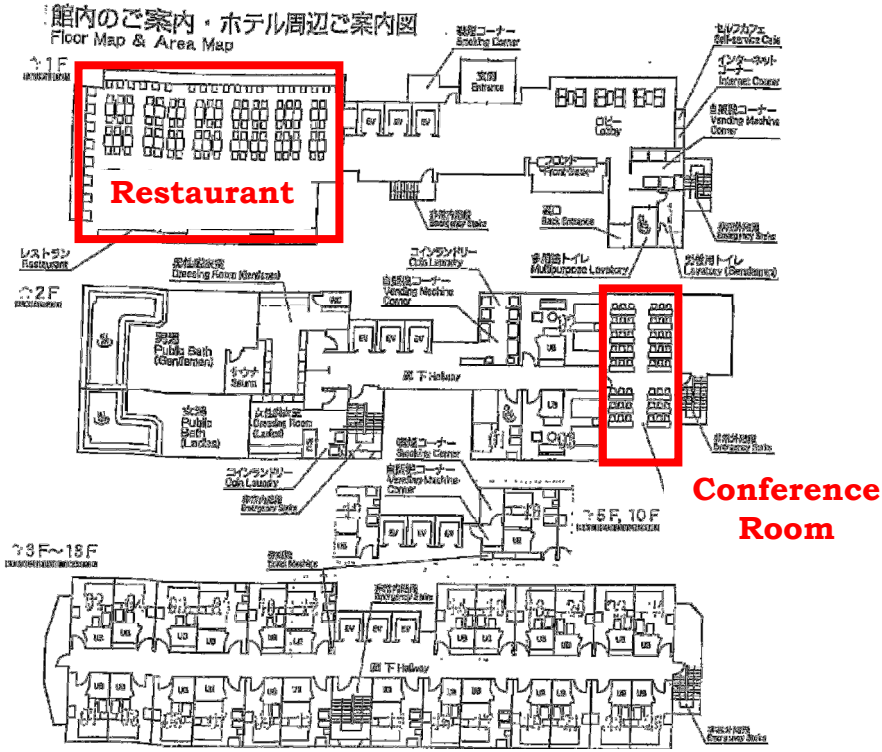




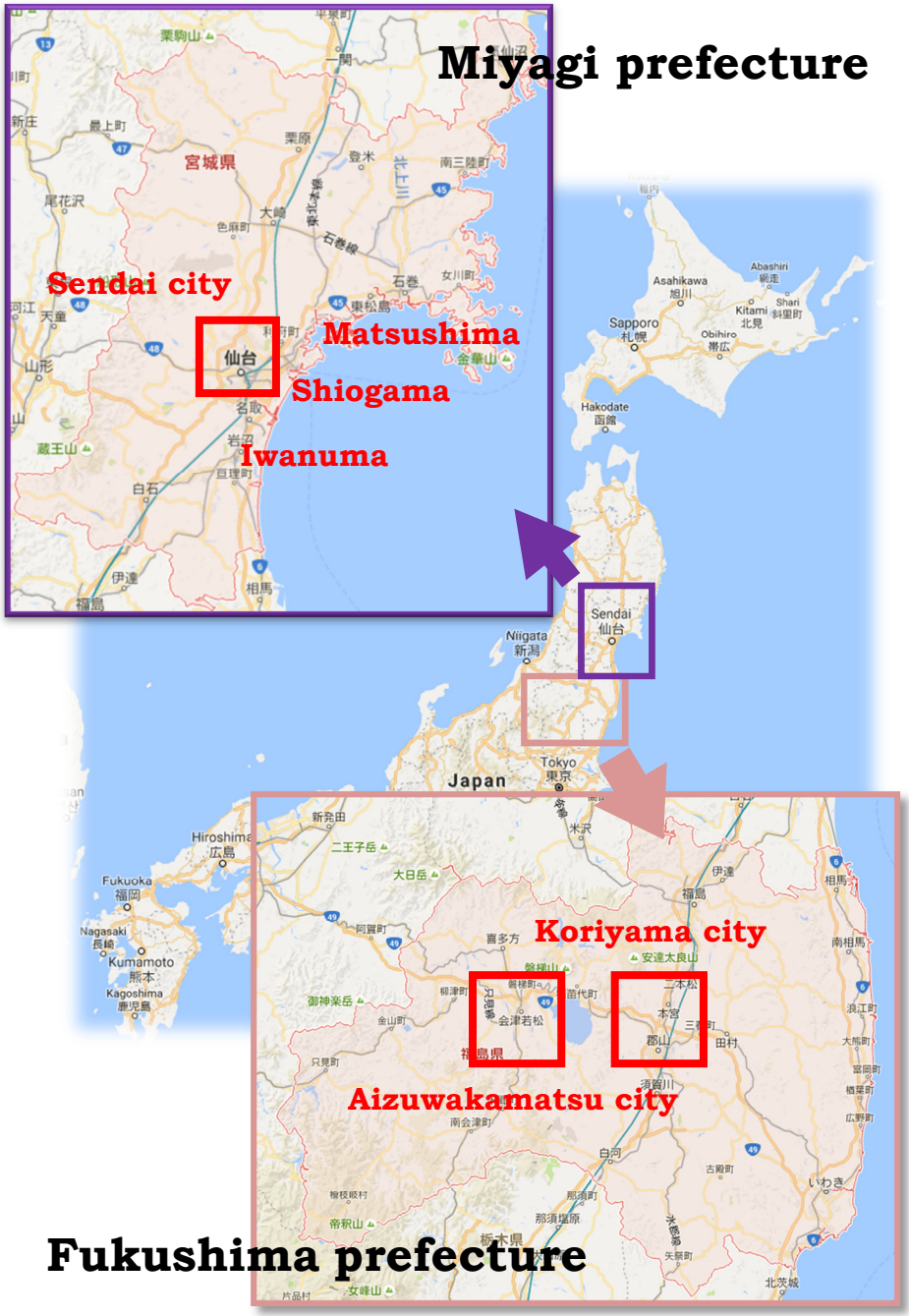
■ は消火栓　● は避難路
← は消火器　▲ は非常出口

7105-270 hayama, Inawashiro-mati, Fukushima-ken
(Japanese Tel: 0242-62-4132)

Hotel Route-Inn Sndai Higashi (Miyagi, 31st July -5th August)



1-60, Rokuchonomenishimachi, Wakabayashi-ku, Sendai-shi, Miyagi
(Japanese Tel: 050-5864-0360)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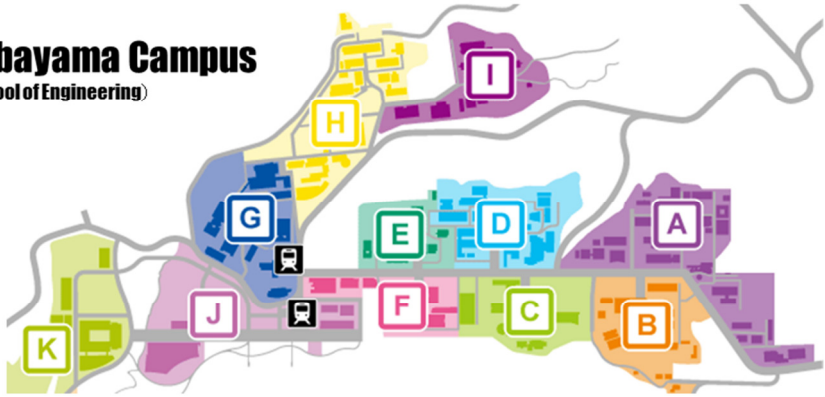
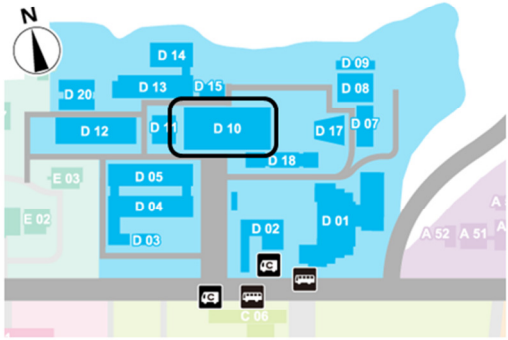
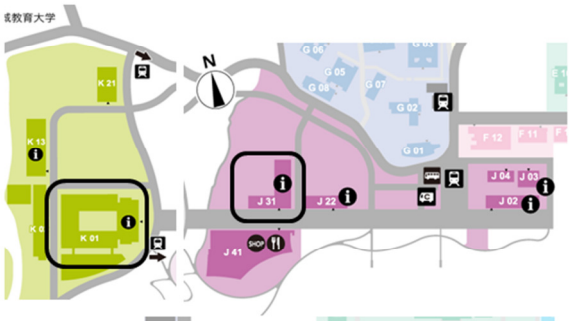
福島県
Fukushima prefecture

Aizu Tsuruga Castle

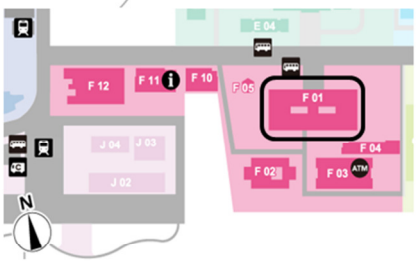
Aobayama Campus
(School of Engineering)





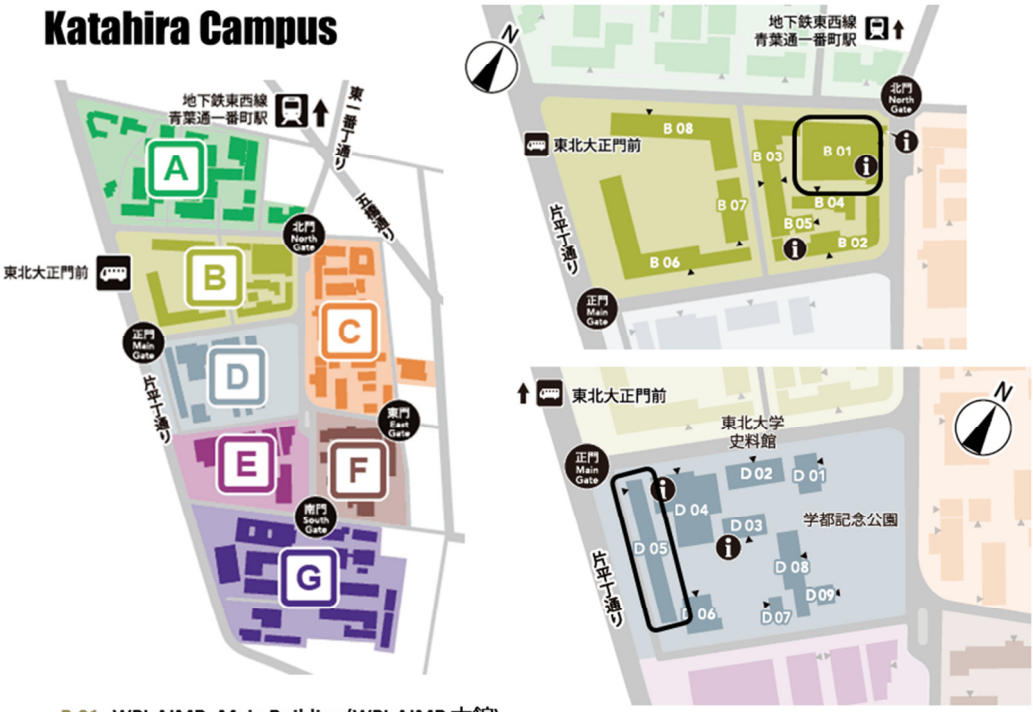


Aobayama Campus
(School of Engineering)



C 01 Centre Hall (中央棟), DOCK (Workshop Dinner)
C 10 Engineering Laboratory Complex Building (総合研究棟)
D 10 Electrical, Information and Physics Engineering Building No. 1 (電子情報システム・応物系1号館)
H 03 Science Complex A(理学研究科合同A棟)
F 01 Civil Engineering and Architecture Education and Research Building (人間・環境系 教育研究棟)
J 31 International Research Institute of Disaster Science (災害科学国際研究所)
K01 Multidisciplinary Research Laboratory for Agricultural Science (農学系総合研究棟)

Katahira Campus



B 01 WPI-AIMR Main Building (WPI-AIMR 本館)
D 05 Graduate School of Life Sciences Building(生命科学研究科本館)

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