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AC21 Student World Forum 2005

A Message from the AC21 President

Gavin Brown
President, AC21

As President of AC21, I salute the 2005 Student World Forum generously hosted by Nagoya University. It is pleasing that students from 18 of our partner universities have been able to take part in this event. This ensures interaction between several countries and continents and the inter-mingling of many cultures.

The themes which have guided your discussions – ecotourism, environmental education and responsibility in science and technology – fit well with the International EXPO. They are fundamental in planning a sus-

tainable future for humankind.

I congratulate all of you for having been chosen to participate, because that future depends in large measure on your generation and your efforts. The AC21 network seeks to foster international understanding, to share good ideas across universities which are geographically wide apart and to apply these ideas for the benefit of all.

I thank everyone who has worked to ensure the success of the 2005 AC21 World Student Forum!

The First AC21 Student World Forum at Nagoya University!

Misao Hayakawa
Director, AC21 General Secretariat (Nagoya University)

1. The purpose of AC21 World Student Forum

Eighteen students from the AC21 member universities gathered together at Nagoya University to join the First AC21 Student World Forum (hereafter, SWF) from July 29 to August 8. We appreciate the cooperation of the AC21 communicators, whose effort to select and send an excellent student delegate from university made this Forum highly successful and significant. Even though the SWF is an original event of AC21, we also requested this event to be included as a satellite forums of Nagoya University's Expo Memorial Forum. This Expo Memorial Forum was designed to contribute to the 2005 World Exposition, Aichi, Japan held from March to September this year.

The main theme of the first SWF is the "Coexistence

of Nature and Humans." In order to deal with this theme, we set up three topics: "Environmental education, Eco-Tourism, and Science, technology and our responsibility." The eighteen participants selected one of these three topics, submitted their research papers in advance to the AC21 General Secretariat (GS), and engaged in further research and discussion activities at Nagoya University. Even though AC21GS set the theme and topics, we respected the participants' initiative to pursue their topics in group discussion and to construct common project papers and the Appeal for Future Action. They also spent three days at a lodge of the Experimental Station of Highland Animal Production at Shitara, Graduate School of Bioagricultural Sciences in order to search for the essential means to accomplish a

sustainability society for the future generation.

2. A Search for the Sustainable Future

Each student participant submitted his/her paper on a selected issue from three topics: Environmental education, Eco-Tourism, and Science, technology and our responsibility. Among 18 members, three of them selected the topic of Environmental education, seven Eco-Tourism, and eight Science, technology and our responsibility.

(1) “Environmental education: Are we doing enough?”

This team presented three case studies on the first day of the workshop. These were education to raise awareness of Tsunami, education and respect of biodiversity, and environmental education in India. Through the discussion and research activities in their workshop, three members summarized their views and reported the role of technology for the integration of nature, human beings and culture, the role of consciousness-raising for the achievement of a sustainable society, and the importance of learning indigenous technologies. In conclusion, they proposed the need for building alliances among universities to promote an environmental protection network on a global scale.

(2) Eco-Tourism: A solution or a problem?

The second team, composed of seven members from Chinese, Thai, German, and British universities, reported serious problems of environmental destruction and pollution caused by profit-oriented eco-tourism. They also proposed the desirable relationships between governments, NGOs, and tourists to work towards sustainable eco-tourism. At the final presentation, the team suggested that eco-tourism helps raise the consciousness of various stakeholders such as tourists, travel agencies, researchers, environmental protection groups, local people, and government workers. In a nutshell, their conclusion was that eco-tourism will be a vital means to achieve a sustainable development and society. During their presentation, they showed us the beautiful pictures of the Red Karen in northern Thailand and the Wulingyuan Area World Heritage in China.

(3) Science, technology and our responsibility

The third group reported case studies of automobile industries, genetically modified crops, air pollution, water circulation, and global warming during the first presentation. Through a series of brainstorming during the workshop, they focused on three issues: genetic modification crops, automobile development by utilizing new energy, and ecological industrial parks. Presenting these case studies, they emphasized the importance of viewing science/technology policies from the perspective of political economy, the role of governments as regulatory authority, the construction of global network of responsible and sustainable development.

3. A New Experience at Nagoya

In spite of their tight schedule and serious discussion with their team members, our students could enjoy their stay in the city and vicinities of Nagoya during their free time and evening hours. Their visits to Toyota Motor Company and World Expo site were quite significant with regard to their workshop mission. They enjoyed pottery-making and Japanese noodle cooking while staying at the Experimental Station of Highland Animal Production at Shitara. During their free time, some visited Japanese castles and shrines, while others enjoyed watching fireworks and cormorant-fishing.

At the final conference held on August 6, President Hirano and Vice-President Yamamoto earnestly listened to our students' presentations and asked them the key points of their research papers exhibited on the panel at the Noyori Conference Hall. It was impressive that all our students were energetic, enthusiastic and high-spirited throughout the whole session.

The first SWF workshop contributed to the promotion of our students' mutual understanding and the consolidation of their friendship. It also brought forth a new decision for creating a network of alliances among students from the AC21 member universities. As for their agreed announcement, please refer to their “Appeal for the Coexistence of Nature and Humans.” We hope that the AC21 SWF will continue to be held by the support and cooperation of our member institutions.



Schedule

Day	Time	Event	Venue
29 July (Fri)	whole day	Arrival of students	Chubu International Airport (Centrair)
30 July (Sat)	whole day	Arrival of students	Chubu International Airport (Centrair)
31 July (Sun)	9 : 00–12 : 00	First get-together	Noyori Conference Hall, Nagoya University
	9 : 00– 9 : 05	Welcoming all participants	
	9 : 05– 9 : 10	Introducing schedule	
	9 : 10–11 : 40	Self-introduction of students; essay presentation (10min/student)	
	11 : 40–12 : 00	Discussion: What do you expect of this event?	
	12 : 05–14 : 00	Welcome Lunch	Restaurant 'Gran Piatto'
	14 : 00–15 : 00	Campus Tour	Nagoya University Campus
	15 : 00–16 : 00	Splitting up in 3 project teams 1. Environmental education: Are we doing enough? 2. Science, technology and our responsibility 3. Eco-Tourism: A solution or a problem?	Noyori Conference Hall
	16 : 00–	Free time	
1 August (Mon)	7 : 15–	Departure to EXPO site	Nagoya University
	8 : 30–15 : 30	EXPO 2005 Aichi	Nagakute and Seto sites
	16 : 00–	Departure from EXPO site; Leave for 'Shitara'	Highland Experimental Station, Shitara
2 August (Tue)	9 : 30–10 : 30	Discussion: EXPO Impressions	Highland Experimental Station, Shitara (facility affiliated with the Graduate School of Bioagricultural Sciences and School of Agricultural Sciences Nagoya University)
	10 : 30–10 : 45	Break	
	10 : 45–12 : 00	Team Project Time	
	12 : 00–13 : 30	Lunch, free time	
	13 : 30–15 : 00	Lecture & Discussion	
	15 : 30–17 : 30	Team Project Time	
	17 : 30–	Dinner: Barbecue, Free time	
3 August (Wed)	10 : 00–11 : 30	Lecture & Discussion	Highland Experimental Station, Shitara
	12 : 00–16 : 00	Lunch with Option Tour ①Trip to river ②Pottery ③Making soba (buckwheat) noodles yourself ④Visit a traditional Japanese House	
	16 : 00–18 : 00	Team Project Time	
	18 : 00–	Dinner, Free time	
4 August (Thu)	7 : 30–	Departure from Shitara	Toyota
	9 : 30–11 : 00	Toyota Plant Tour	
	11 : 00–12 : 00	Toyota Kaikan Exhibition Hall Tour	
	12 : 00–13 : 00	Lunch	
	13 : 00–	Departure from Toyota	
	15 : 00–18 : 00	Team Project Time; Present work to all groups	
5 August (Fri)	9 : 00–11 : 40	Team Project Time	Noyori Conference Hall
	11 : 50–12 : 50	Lunch hosted by the President of Nagoya University, Professor Shin-ichi Hirano	Restaurant 'Universal'
	13 : 00–14 : 00	Team Project Time	Noyori Conference Hall
	14 : 00–	Nagoya city sightseeing tour	Nagoya city
6 August (Sat)	8 : 30– 9 : 45	Final preparations for main exhibition	Noyori Conference Hall
	10 : 00–12 : 30	Main Exhibition: Presentations and Q&A	
	12 : 30–14 : 00	Lunch, free discussion time (poster session)	
	14 : 00–17 : 00	Main Exhibition: Presentations, Q&A, Discussion, Receipt of Certificate	
	17 : 00–17 : 30	Press Conference	
7 August (Sun)	9 : 30–12 : 15	Participation in the International EXPO Forum hosted by Nagoya University	Toyoda Auditorium Nagoya University
	Noon	Lunch, free time	
	18 : 30–	Farewell Party	Noyori Conference Hall
8 August (Mon)	whole day	Departure of students	Chubu International Airport (Centrair)
9 August (Tue)	whole day	Departure of students	Chubu International Airport (Centrair)

Team Introduction

Group 1: Environmental education: Are we doing enough?

1. Cheria Paramita Noezar; Gadjah Mada University, Indonesia
2. Avinash Madhale; University of Pune, India
3. Tang Kang; Beijing University, P.R. China

Team Supporter: Associate Professor Miki Horie, Nagoya University

Group 2: Eco-Tourism: A solution or a problem?

1. Zhijian Qiao; Fudan University, P.R. China
2. Chatchavan Wacharamanotham; Chulalongkorn University, Thailand
3. Robert Wild; The University of Warwick, U.K.
4. Johannes Edelmann; Albert-Ludwigs-University Freiburg, Germany
5. Zuo Wang; Jilin University, P.R. China
6. Xia Fei; Shanghai Jiao Tong University, P.R. China
7. Wit Wichaidit; Kasetsart University, Thailand

Team Supporter: Research Associate Yumi Oura, Nagoya University

Group 3: Science, technology and our responsibility

1. Martin Unger; Chemnitz University of Technology, Germany
2. Felicity Muller; The University of Sydney, Australia
3. Yang Zhenyu; Tongji University, P.R. China
4. Qin Wei; Nanjing University, P.R. China
5. Zheng Yun-hong; Northeastern University, P.R. China
6. Lisa Darnell; North Carolina State University, U.S.A.
7. Eric Ollinger; Ecole Nationale des Ponts et Chaussées, France
8. Sayaka Hosoe; Nagoya University, Japan

Team Supporter: Associate Professor Yuto Kitamura, Nagoya University

Appeal for the Coexistence of Nature and Humans

We, the participants in the first meeting of the AC21 Student World Forum, call upon all people to promote efforts to sustain the co-existence between nature and human around the world. Our Earth has been changing rapidly in the era of globalization, but we understand and stress the importance of ensuring diversity of this world.

We, students of the AC21 member universities, have increased our understanding of international issues through sharing experiences and opinions with each other. The AC21 Students World Forum provided us an opportunity to create new relationships that lead to

friendships and break down prejudicial barriers.

As the young generation, we acknowledge that we have responsibilities to address the serious problems we are facing in the 21st century and to inspire people around the world to **think globally and act locally** through tackling such problems. We therefore propose that the following immediate actions be taken:

◆ Our joint actions:

1. Enhancing the awareness of every individual of their responsibility for the future of the society
2. Learning from nature, cultures and ancient knowl-



edge to harmonize the world to promote the value of environmental education

3. Using the potential of ecotourism development by collecting and sharing information and experiences of areas in planning, managing and monitoring the process
4. Promoting the involvement of different stakeholders in the process of developing and regulating science and technology.

◆ **Our individual actions:**

We commit ourselves to take the following actions:

1. Strengthening universities to enhance, exchange and cooperate for global environmental networking

2. Serving as a volunteer in order to improve education amongst lower income communities
3. Increasing our awareness of ecological issues and especially as tourists to inform ourselves about the destinations we are visiting, to respect the local traditions and values, to share experiences in our home countries and to minimize the environmental impact of our travel

◆ **To all of you:**

We call upon all people to move forward in this endeavor to realize our propositions, which would be supported by increased efforts of each individual living on this globe.

Academic Consortium 21

The Third AC21 Steering Committee Meeting

The Third STC Meeting at Nagoya University's Noyori Conference Hall

Misao Hayakawa

Director, AC21 General Secretariat (Nagoya University)

The third AC21 STC meeting was held at Noyori Conference Hall, Nagoya University this July. The main focus of the meeting was the AC21 Third International Forum 2006, which will be held at University of Warwick next July. At the meeting, we were happy to have Professor Donald Singer, the representative from Warwick, who provided us a detailed explanation of the tentative schedule of the next International Forum 2006. As one of the leading universities in the U.K., University of Warwick announced that the main theme for the next Forum would be "Innovation and Invention: The Enterprising University." Responding to this challenging theme, we would like to collaborate with our Headquarter Office for Industry-Academia-Government Cooperation to prepare for the next Forum.

We were also delighted to hear that all the participating members of the STC agreed to host the Student World

Forums every two years. In addition to the hosting of International Forums, AC21 will host the Students World Forums or similar events, which aim at further promotion of the cooperation and alliance in education through the student exchange among the member institutions. Thanks to the cooperation of the AC21 communicators at member institutions and the support of General Secretariat staff, faculty members and volunteer students at Nagoya University, the first Student World Forum was successfully held from July 29 to August 8. The participants from eighteen member universities among 10 countries enthusiastically engaged in research and discussion sessions under the topic of "The Coexistence of Nature and Humans." By July, 2006 when the Warwick International Forum will be held, we would like to look for a hosting institution for the next Student World Forum scheduled to be hosted in 2007.

Afternoon Session: Workshop 'Benchmarking in AC21'

Misao Hayakawa

Director, AC21 General Secretariat (Nagoya University)

In the afternoon of this STC meeting, Professor John Hearn, the Vice President of the University of Sydney, kindly chaired the session of AC21 benchmarking activity and, after discussing its possible orientations, proposed to conduct "Course Experience Questionnaire" among three member institutions: Nagoya, Syd-

ney, and Warwick. We also agreed to send each tentative Questionnaire sheet to University of Sydney, so that Sydney's Institute of Teaching and Learning will propose a common format of the Questionnaire for three institutions. For Nagoya University, this will be the first opportunity to conduct a course experience question-

naire survey, even though we conduct the university-level course evaluation each semester. The AC21 General Secretariat will cooperate with our Office of Planning and Evaluation for the execution of this survey at Nagoya University. We also ask for the support of Sydney's Institute of Teaching and Learning to share its expertise with us regarding this survey. We look forward to reporting the progress of our effort at the next International Forum at Warwick.

Finally, the General Secretariat proudly announces that, by virtue of the support of its member institutions, especially the STC members, Nagoya University could procure a special grant from the Ministry of Education to promote its international alliances and to construct its international strategic planning system. Mainly due to this grant, we could establish Nagoya University International Strategic Planning Office (NUISPO) this April. In total, twenty universities and research institutions received this grant nationwide and it will be sub-

sidized for five years if they can manage their business successfully. The AC21 General Secretariat and NUISPO will cooperate with each other to pursue the establishment of a system of international strategic planning, as well as to propel the activities and projects of AC21. We hope that NUISPO will be a desirable ally for the further pursuit of AC21 projects.

In concluding this report, I would like to inform that Dr. Natalie Konomi, who earnestly worked for more than two years as a Coordinator of the AC21 General Secretariat and an organizer of the Student World Forum 2005, went back to Germany to look for her new carrier. We miss her very much now. However, we are in the process of finding a new coordinator, who will passionately contribute to our Consortium. By the time we publish next newsletter, we would like to introduce our new coordinator.

We look forward to seeing all of you at Warwick next July!

Agenda

Friday 22 July 2005; Noyori Conference Hall, Nagoya University

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|------------------------|---|
| 9:30 am | Welcome and Introduction
Chair: Professor Shin-ichi Yamamoto (Vice-President, Nagoya University) |
| 9:35 am | Opening Address
Professor Shin-ichi Hirano (President, Nagoya University) |
| 9:40 am | Report of the AC21 General Secretariat & Evaluation
Professor Misao Hayakawa (Director, AC21 General Secretariat) |
| 10:15 am | Report of the University of Warwick on the AC21 International Forum 2006
Professor Donald Singer (Head, Division of Clinical Sciences & Professor of Clinical Pharmacology, Warwick Medical School, Warwick University) |
| 10:45 am | Presentations of each STC member university on activities and Evaluation
Chair: Professor Shin-ichi Yamamoto (Vice-President, Nagoya University) |
| 11:25 am | AC21 Roadmap and Decision about the AC21 Student World Forum 2007 site and AC21 International Forum 2008 site
Professor Misao Hayakawa (Director, AC21 General Secretariat) |
| 11:55 am | Decision about the next STC meeting
Professor Shin-ichi Yamamoto (Vice-President, Nagoya University) |
| 12:00 midday | Summation
Professor Shin-ichi Yamamoto (Vice-President, Nagoya University) |
| 12:10 pm | Lunch
Hosted by Professor Shin-ichi Hirano (President, Nagoya University) |
| 1:30 pm–3:30 pm | Workshop 'Benchmarking in AC21'
Co-chair: Professor John Hearn (Deputy Vice-Chancellor, The University of Sydney)
Professor Misao Hayakawa (Director, AC21 General Secretariat) |
| 6:30 pm | Dinner
Hosted by Professor Shin-ichi Yamamoto (Vice President, Nagoya University) |

Participants' List

Venue: Noyori Conference Hall, Nagoya University

Institution	Title	Name
Ecole Nationale des Ponts et Chaussees	Director for Development	David Chupin
North Carolina State University	Director, North Carolina Japan Center	Francis A. Moyer
Shanghai Jiao Tong University	Assistant President	YAN Liangyu
Shanghai Jiao Tong University	Section Chief, Division of International Cooperation & Exchange Associate Professor	XU Wanguo
The University of Sydney	Deputy Vice-Chancellor Professor	John Hearn
University of Warwick	Head of Division for Clinical Sciences Professor	Donald Singer
Chemnitz University of Technology	Vice President of International Affairs and Development	Dieter Happel
Chemnitz University of Technology	Chancellor	Eberhard Alles
Chulalongkorn University	Assistant Professor	Pranut Potiyaraj
Chulalongkorn University	Assistant Professor	Prasert Akkharapathompong
Nagoya University	President	Shin-ichi Hirano
Nagoya University	Vice-President	Shin-ichi Yamamoto
Nagoya University	Director, AC21 General Secretariat	Misao Hayakawa
Nagoya University	Project Coordinator, AC21 General Secretariat	Natalie Konomi
Nagoya University	Academic Staff, AC21 General Secretariat	Yuto Kitamura
Nagoya University	Academic Staff, AC21 General Secretariat	Tsutomu Nomizu
Nagoya University	Academic Staff, AC21 General Secretariat	Frank Bennett
Nagoya University	Academic Staff, AC21 General Secretariat	Miki Horie
Nagoya University	Academic Staff, AC21 General Secretariat	Kei-ichiro Maeda
Nagoya University	Advisor, AC21 General Secretariat	Yoshitsugu Hayashi
Nagoya University	Director of Research Promotion & International Affairs Department	Hakaru Naruse
Nagoya University	Director, International Affairs Division	Yasuchika Hojo
Nagoya University	Assistant Coordinator, AC21 General Secretariat	Atsuko Hisada
Nagoya University	Assistant Coordinator, AC21 General Secretariat	Tomohito Taki
Nagoya University	Administration Staff, AC21 General Secretariat	Kuniko Fukushima



The Third AC21 International Forum

– Global Education: Universities in the 21st Century, 4-6 July 2006

**The University of Warwick, UK,
has announced the themes for the third AC21 international Forum.**

Building on previous AC21 International Fora, the conference will examine the development of global Higher Education through three streams: Leadership and Management; Innovation and Enterprise; and Students and their Universities. These streams will be complemented by a rich and diverse “Research Festival” with fora on topics of current international interest. These include:

- Personalised Medicines
- International Higher Education
- Health, Wealth and Nutrition
- Chaperones and Protein Folding
- Creativity and the Humanities
- Systems Biology
- Nanotechnology

Professor Robert Lindley, Pro Vice-Chancellor for International Affairs at the University of Warwick said: “The University of Warwick is delighted and honoured to host the third AC21 International Forum. We are pleased to announce that one of our main speakers will be Professor Mosa Al-Mosawi, President of Baghdad University, speaking on the leading role universities can take in the redevelopment of countries affected by conflict and natural disaster.

“Each of the conference streams will take a detailed look at the development of universities from their own specific standpoints. However, the structure will allow easy transfer and movement between the streams. This format will allow for tailored participation for each delegate, offering in-depth coverage of some of the most important issues affecting universities in the 21st Century.”

Founded in 1965, the University of Warwick is now one of the UK’s leading universities, consistently rated in the top ten for teaching and research, with an enviable record of technology transfer and links with business and industry. It has a core population of some 20,000 undergraduate and postgraduate students, of whom

around 3,800 come from overseas. Warwick’s main campus of 292 hectares is situated in the heart of England, on the Coventry/Warwickshire border. In the last decade the university has invested over 180 million pounds sterling in campus development and in the last Research Assessment Exercise, Warwick was ranked fifth in the UK for research quality.

While the three streams will take place from 4 to 6 July 2006, it is anticipated that the Research Festival will run from 4 to 7 July. The AC21 Steering Committee (STC) will take place on 3 July, before the main conference commences, and the AC21 General Assembly will take place on 7 July. The conference will be priced at 800 pounds sterling, but AC21 members will only be charged 625 pounds sterling, providing they book before 1 April 2006. There will also be a comprehensive social programme running from the evening of 2 July. For more details, including contact information, please see our website: <http://go.warwick.ac.uk/ac21>



GlobalEducation Universities in the 21st Century



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