message

## Greetings Upon the Inaugural Issue of AGL NEWS



Director of AGL Isao Satoh

# AGL to Develop Global Leaders Who Will Change the Future!

Upon entering the 21st century, even as the politics and economy of our country are occupying solid positions in the world and are creating a variety of innovations, on the other hand, they are being exposed to unpredictable social trends and severe business environments. Under such conditions, the need is becoming even more urgent for talented leaders who are capable of surmounting the wave of globalization and put their skills to full use in international competition.

In view of this background, the "Program for Leading Graduate Schools" was initiated in 2011 as a project of the Ministry of Education, Sports, Science and Technology with the aim of training and sending forth into the world excellent talent in graduate schools, which are the highest

institutions of learning, as global leaders. The "Academy for Global Leadership" of the Tokyo Institute of Technology inaugurated its activities in April, 2011, ahead of the start of the Program, by which it was adopted in 2012, and has now been active for two full years as of this spring. A program in conjunction with Hitotsubashi University will now be started in April as the thrust is made into the third year, which will bring about the institution of a further enhanced educational program

This newsletter will provide regular communications of the activities and topical news of the Academy. Please look forward to the developments in the future





#### From AGL Office

In Academy for Global Leadership, the students that have high technical knowledge are aggressively learning each other to be the global leaders with various views while making use of their specialized fields. The attractive curriculum in Academy for Global Leadership, which Tokyo Institute of Technology tries hard as a whole school, carefully cultivates not only the knowledge and practice faculty but also the humanity, which is the essential part for the leaders. We staffs are happy to help you do that. As an opportunity to develop the personnels that will support the future industrial world by means of the cooperation among the industry, government and academia, we are very glad to have companies' cooperation for the dojo education, the internship, etc.

Sincerely, staffs





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The inaugural number of "AGL NEWS" has been issued for the communication and reports of activities in the Academy for Global Leadership (AGL) and its future plans

The commemorative first number reports on "Forum 2012" where students enrolled in the Program for Leading Graduate Schools were assembled under a roof, and on the outline and achievements of the "Training Program in California" in which students of the AGL Dojo visited Silicon Valley leading companies and conducted projects at the prestigious University of Southern California (USC).

Assembly of Next-generation Leaders in Tokyo!

# "Forum 2012"

Held for the Program for Leading Graduate Schools



participants and recognized by President Mishima. (The fourth rom the left is Yasuha Mizukami, an AGL student.)

博士課程教育リーディングプログラムフォーラム 2012 Forum on the Program for Leading Graduate School, 2012 "Students with ambition are fond of discussion by nature. If only given the opportunity, their eyes come to shine as though they have found themselves in their element." (Isao Sato, Program Coordinator) Panel Discussion Keita Azechi AGI 1st term stud<mark>en</mark>t, served as panelist. In the panel discussion on the theme of "Things that Society Requires, Future that Students Imagine and Expectations of Teachers in Doctoral Degree Holders", Keita Azechi (an AGL Panel discussion in which student), as a student panelist, joins the discussion with valuable views were exchanged among members of panelists representing the Ministry of Education, Culture, Sports, the industrial, government and Science and Technology and corporations. It was certainly a

"Forum 2012 of the Program for Leading Graduate Schools", sponsored by Tokyo Institute of Technology and planned and organized by the Academy for Global Leadership, was successfully held at the Tokyo Conference Center Ariake over two days on March 15 (Friday) and 16 (Saturday). For the sessions, which started with opening remarks by Yoshinao Mishima, president of Tokyo Institute of Technology, a total of approximately 550 participants, including students enrolled in the 44 degree programs adopted by the Program and teaching staff, were assembled under a roof to listen studiously to the presentations of case studies by various graduate schools. In addition, appeals were made to society of the details of the activities of each program such as by presentations of the characteristic features of each program in the poster session, and some good cases were shared among the programs, which provided an excellent opportunity to enhance each educational content. AGL students played active roles in Students' Forum, the poster session, the general discussion, and so on. This event was a good opportuinity fot them to create networks among students and experienced expectations from the sciety.





In the group work conducted on the second day, students tackled the challenge of providing solutions to problems by forming groups of those with backgrounds in different disciplines of specialization. The students experienced their "first jobs" of, even as being engaged in heated discussions, cooperating together by multi-disciplinary creative collaboration to put together conclusions, and presenting the results in the student forum





he actions of Tokvo stitute of Technology students, especially who belong to AGL, were remarkable in the group

#### Event Data



valuable first step to help industry, government, schools

Poster

Session

become integrated and approach the future ideal leaders.

Forum 2012 of the Program for Leading Graduate Schools Dates: March 15 (Friday) - 16 (Saturday), 2013 Venue: Tokvo Conference Center Ariake Sponsor: Tokyo Institute of Technology Planning and organization: Academy for Global Leadership

## Training Program in California





"The security of Asia" Training session on crowo

S c h e d u l e					
2 FEBRUARY		Training session at the University of Southern California	2 FEBRUARY		Training session in Silicon Valley
<b>19</b> tue	"The roles of mass media and scientists: The Fukushima nuclear disaster examined as a case study" "The roles of mass media and social media"		<b>24</b> sun	Visited the local office of Mitsubishi Corporation and had discussions.	
20 wed	"Regionalism and consensus building" "The security of Asia"		25	Visited NTT America and Fujitsu Laboratories of America and had discussions. Made field trips to Google and Microsoft Research and had discussions.	
<b>21</b> thu	"Suggestions to start a new business using crowd funding"		mon		
<b>22</b> fri	Attended lectures, participated in project meetings, and had discussions with the faculty at USC.		<b>26</b> tue		

#### Participants' Comments

Sadaoki Furui Master of Doio

#### Science and Technology

The opportunity to be immersed in the surroundings of California, currently the most dynamic and innovative region of the world, allowed the students to see American universities and research institutions with their own eyes, and experience lectures at an American university. In addition, through presentations and communication in an international environment, I feel we were able to learn what type of thinking is needed to build personal relationships in a global environment. Moreover, the experience in Silicon Valley is certain to prove valuable in many ways in the real world.

I would like to once again express my gratitude to all the people who cooperated in making this study trip possible, including the many faculty and staff at USC and everyone at the companies in Silicon Valley

### Yuki Inoue

I personally lack extensive international experience and always felt that I would never become a global leader without knowing about the world. In that sense, I decided to take part in the California study trip because I saw it as as a once-in-a-lifetime chance to see cutting-edge educational and research environments up close.

The biggest take-away for me was the difference between Japanese and American students. As I spoke with the American students in the course of group work and discussions, I really felt that they had devoted their lives to learning at university and came away with new resolve that we must change in Japan. First we must self reflect, then cultivate the skills necessary as international leaders.



From February 17 to 28, 2013, Furui Dojo held a 12-day training course in California. This course was conceived by Sadaoki Furui, the Master of Dojo, in the summer of 2012. Seven students participated in it in accordance with the program based on the students' voluntary suggestions. The faculty and students together had various sessions during their stay at the University of Southern California, which, established in 1880, is the oldest private university in the West Coast and is currently achieving outstanding development. In addition, they visited research institutes and local offices of leading companies in Silicon Valley and had discussions there. The students met various people, listened to their stories, had discussion with them, and collaborated with them in the global environment that had produced such leading companies as Apple and Google. They had great opportunities to gain precious experiences, through which each of the AGL students directly learned what is needed to become a global leader in the future

#### 1st Year Master's Student, Department of Computational Intelligence and Systems Science

#### Junko Osawa

1st Year PhD Student, Department of Value and Decision Science

I was greatly looking forward to this study trip, as I have few opportunities to interact with foreign students around topics outside of my specialty.

During the discussion preparation we conducted during our short preparatory period, I felt keenly the importance of teamwork. It was a greatly enlightening to be able to share the different ways that we were thinking about the issues happening in the real world. At the same time, catching a glimpse of the class divisions of society also made me feel how blessed we are to be in the position to study our specialties at the university. People are serve various roles within society, and I want to continue my activities in the future while bearing in mind what we ourselves can contribute to that society.