Leadership Forum 2011
Science and Technology Leadership Association

Train one's leadership and help develop their network in order to solve global issues related to S&T

STeLA
-A platform to develop leaders in S&T fields-

Global Issues

Must be tackled from various fields
STeLA Leadership Forum

Gather students who will be responsible in the future of S&T and train them in order to lead the global society.

Forum Contents

- Thematic Sessions
- Leadership Education
- Group Project
Past Forums

Energy and Climate Change
Globalization and Manufacturing

Global Public Health

Dual-use Dilemma

Technology Transfer

Leadership Forum 2007 in Tokyo
Leadership Forum 2008 in Boston
Leadership Forum 2009 in Tokyo
Leadership Forum 2010 in Beijing
Leadership Forum 2011

Environmental Sustainability

@ Stanford University

Venue: Stanford University
Date: Aug. 21–29, 2011
Participants: About 50 students from US, JP, CN and EU

Applicants’ Universities:
MIT, Harvard University, Stanford University, Tsinghua University, Peking University, Ecole Polytechnique, University of Tokyo, Tokyo Institute of Technology, Kyoto University, Keio University, Waseda University etc.
Why Environmental Sustainability?

Development of S&T

Issues such as Pollution

Tightly Involved

- A person who with wide knowledge in S&T that can solve the problems is needed
- Cooperation in various fields such as politics, economy, industry and R&D is needed between various countries

Maintaining the Environment

Economic Growth

Improving the quality of life

How?
Sub-theme

Environmental Sustainability

Energy | Biodiversity | Water
Contents of Forum 2010

Venue: Peking University
Date: Aug. 15–23, 2010
Participants:
40 students from US, Japan, China and France

Schedule

Day 0: Opening

Day 1: Leadership Education

Day 2: Thematic Sessions

Day 3: Group Project

Day 4: Final Presentation
Leadership Education

Schedule

Day0: Opening
Day1 - Day2: Leadership Education
Day3 - Day4: Thematic Sessions
Day5 - Day6: Group Project
Day7: Final Presentation

Leadership Training Game
Keynote Lectures
Thematic Sessions

Schedule

Day0  Opening
Day1  Leadership Education
Day2  Thematic Sessions
Day3  Thematic Sessions
Day4  Thematic Sessions
Day5  Group Project
Day6  Final Presentation
Day7  Final Presentation

Lectures
Site-visits
Discussion, Role Playing
Group Project

Schedule

Day0  Opening
Day1  Leadership Education
Day2  Leadership Education
Day3  Thematic Sessions
Day4  Thematic Sessions
Day5  Group Project
Day6  Group Project
Day7  Final Presentation

Making a Solar Collector
Final Presentation

Schedule

Day 0: Opening
Day 1: Leadership Education
Day 2: Thematic Sessions
Day 3: Group Project
Day 4: Presentation
Day 5: Ceremony
Day 6: Large Reflection
Day 7: Final Presentation

STeLA Science and Technology Leadership Association
# Science and Technology Leadership Association

**International student organization “STeLA”**

- **STeLA-US** (MIT, Harvard, Stanford, Columbia, UC, etc.)
- **STeLA-France** (ENSTA, Ecole Polytech etc.)
- **STeLA-China** (Peking, Tsinghua etc.)
- **STeLA-Japan**

## Features

- Most of the staffs are from science and technology fields.
- Many of the staffs are graduate school students.
- Staffs are consisted of various nationalities.

<table>
<thead>
<tr>
<th>Staffs</th>
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<tbody>
<tr>
<td>Doctor course : 6</td>
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<td>Master course : 14</td>
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<td>Under grads : 10</td>
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<td>Others : 5</td>
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<td>(35 in total)</td>
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( Univ. Tokyo, Tokyo Tech, Waseda, Keio, etc.)

## Nationality

- Japan
- Korea
- UK
- Thailand
- Bangladesh
- India
- etc.
Media Coverage
Advisors & Supporters

Support

- MIT-Japan Program (2007～)
- UN University (2009)
- Ministry of Foreign Affairs (2009)
- JST (2009)
- Embassy of Japan in China (2010)
- Embassy of US in Japan (2011)

Advisors

- Prof. Richard J. Samuels (MIT)
- Prof. Shigeki Saitoh (TIT)
- Prof. Hiroshi Ishii (MIT)
- Mr. Patrick Gercik (MIT-Japan Program)
- Prof. Hideyuki Horii (UT)
- Dr. Hikaru Sakamoto (TIT)
- Dr. Kazukai Inaba (TIT)

Collaborators

- Tokyo Institute of Technology (2009)
- JAXA (2009)
- MIT Leadership Center (2007～)
Call for Applications

- Requirement  Must be a student studying at a university in Japan
- Selection process is free of charge
- Forum Fee  ¥45,000 (Airfare and travel insurance excluded)
- Quota  Around 12 (12 from each STeLA branch)
- Application  Please apply via STeLA website
- Deadline  11:59PM May 13 (Fri) (Japan time)
- Selection  First round: Essay (2 topics) and CV
- Second round: Interview

Results of first round selection will be announced by May 23 (Mon) by e-mail with details for the interview.

Interviews will be held on June 5 (Sun) at Hongo Campus, University of Tokyo.
How to Apply

- How to apply: From STeLA website
- 1st round selection: Essay (2 topics)
- 1st round selection schedule:
  May 13 (Fri) 11:59PM (Japan time)
  May 23 (Mon) Results of 1st round selection
### Schedule for Applicants

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<tr>
<td>Info-sessions</td>
<td>Call for applications</td>
<td>Pre-forum events@Tokyo (2, 3 times)</td>
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<td>May 13: Deadline</td>
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<td>June 5: Interview</td>
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#### Schedule

- **Apr. 5–May 13**: Call for applications
- **May 13(Fri)**: Deadline
- **May 23(Mon)**: Results of 1st selection
- **June 5(Sun)** (Interview): 2nd selection
- **June 1st week**: Participants determined

*Participants will attend the pre-forum events, the forum and the forum debriefing.*

*Must attend the forum (Aug. 22–Aug. 29).*

*Recommended to attend the pre-forum events, and the forum debriefing.*
FAQ (1)

- **Duties for the participants**
  Must be able to attend all of the Forum (Aug. 22–29). Also, pre-forum events (weekends of June to Aug.) and a debriefing session (Sep. or Oct.) is planned.

- **About the participation fee**
  Conference, food, reception, accommodation are included. Airfare and travel insurance is NOT included.

- **Criteria of selection**
  Will be judged by 1\textsuperscript{st} round selection (documents) and 2\textsuperscript{nd} round selection (interview). Interests and problem consciousness of S&T related global issues is an important criteria. Nationality, university, major, relationship with the Forum theme is NOT an important criteria.
• **About English skills**
  It will be recommended to be able to speak enough English for daily conversations, but we will not be looking at your English.

• **About the interviews**
  For the people who are far from Tokyo, interviews via Skype will be held. However, there is a limit for the number of Skype interviews.

• **Requirements for applying**
  As of May 13, 2011, if you are a student studying at a university in Japan, you can apply. If you are studying at a university in US, China and Europe, please apply at each branch.

• **Participation fee and canceling**
  Fees will be collected at mid June and there will basically be no refunds when you cancel.
What You Can Obtain

Contact with National and International Students
- Building networks with various nationalities and majors.

Understanding Global Issues Related to S&T
- Understanding the reality of a global issue through discussions, lectures and site-visits.

Ability of International Leadership
- Learning and obtaining the newest leadership theory through original contents such as lectures, games and group work.

Communication and project management for scientists
- Improve communication and project management skills with the students who are leading the world’s researches.
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~Voice from a participant~

I could almost write a whole book for all of my experiences. For those who want to know my whole story, the answer is simple, participate in the STeLA forum 2011 and you’ll know what I mean.
Thank you for listening
We are waiting for you!
Statistics of 2010

**Affiliation**

<table>
<thead>
<tr>
<th>Affiliation</th>
<th>No.</th>
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<tbody>
<tr>
<td>Tokyo Institute of Technology</td>
<td>8</td>
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<tr>
<td>Peking University</td>
<td>6</td>
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<tr>
<td>Stanford University</td>
<td>5</td>
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<tr>
<td>University of Tokyo</td>
<td>4</td>
</tr>
<tr>
<td>Harvard University/MIT/UCSF/Keio University/Waseda University/ Tsinghua University/ Beijing Institute of Technology/ENSTA</td>
<td>2</td>
</tr>
<tr>
<td>Princeton University/Ecole Polytechnique/Ecole Centrale de Lyon</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>40</td>
</tr>
</tbody>
</table>

**Nationality**

- China
- Japan
- America
- France
- Indonesia
- Korea
- Other

**Gender**

- Male
- Female

**Course**

- Bachelor
- Master
- Doctor
- Other