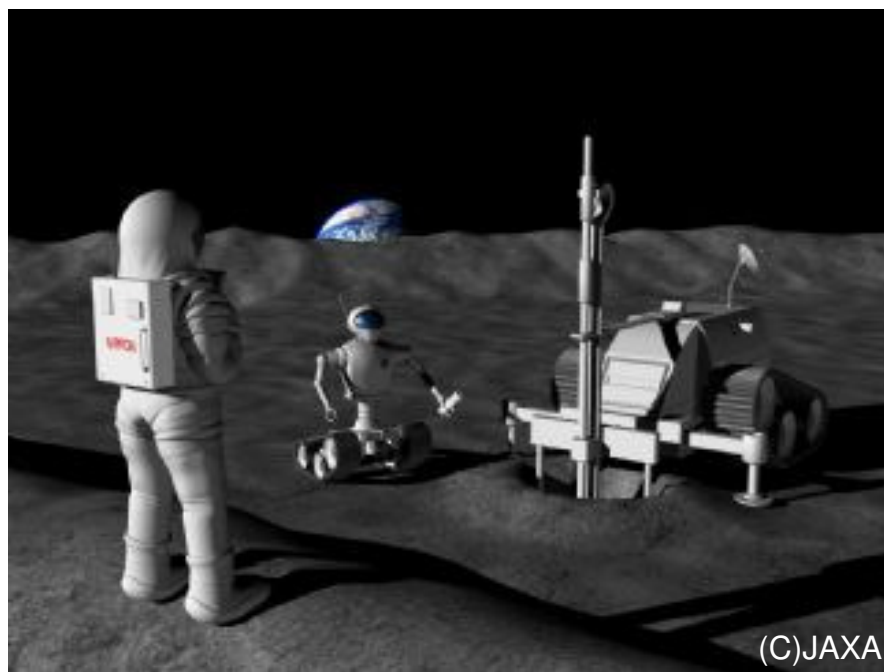


Recent Progress of Capacity-building in Space Law in Japan -The Case of JAXA-



UNCOPUOS, Legal Subcommittee
52nd Session
Vienna, 8 April – 19 April 2013
JAXA/Japan

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- Cooperation with universities
- Contribution to the Manfred Lachs Space Law Moot Court
- International Symposium on Space Technology and Science(ISTS)
- Internship Opportunities

Keio University : Japanese Leading University for space law study

- established “*Center for Space Law*” in April 2012
 - for (1) Investigating issues of the space activities from a legal viewpoint
 - (2) Improving the level of space law study in Japan
 - (3) Cultivating practitioners and academia for space law
 - (4) Contributing to capacity-building of space law in Asia
- Launched Master Course for space law from 2012.
 - encourage students from Japan and other countries especially in Asia-Pacific region.
- Signed cooperative agreement between International Center for



Recent research subjects between Keio and JAXA

➤ FY2012

- (1) Gaps between the Registration Convention and Liability Convention.
- (2) Space debris (including active debris removal)
- (3) Space industrialization including problems of trade conflicts
- (4) Liability for the operator of the GNSS
- (5) Space law data base (web-based archive and publication)

➤ Newly added subjects from FY 2013

- (1) Space tourism
- (2) Remote sensing data policy

- Keio university was designated as the hosting agency for the Asia Pacific regional round for the Manfred Lachs Space Law Moot Court in 2013.

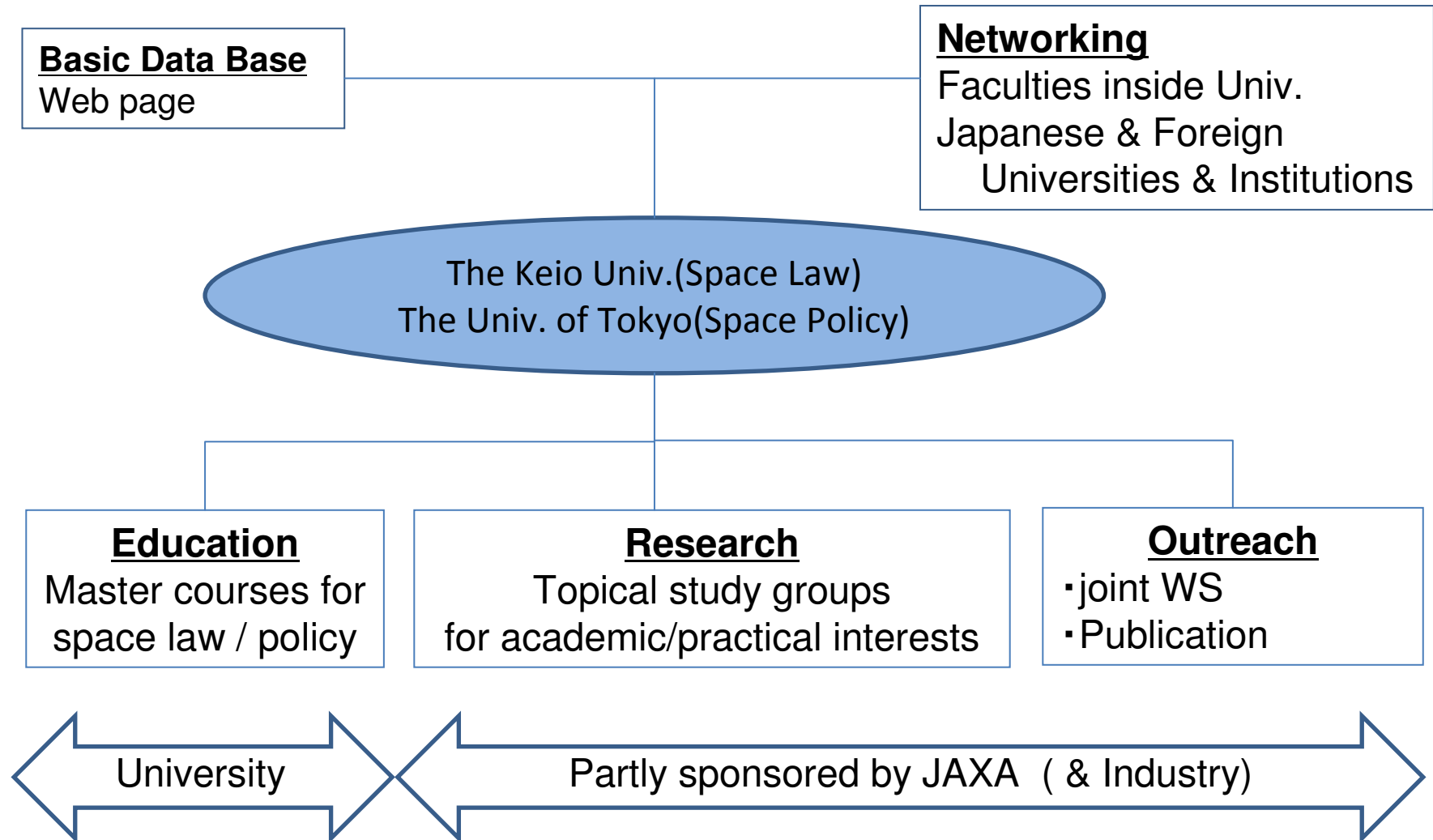
The University of Tokyo: Japanese Leading University for space policy study

- Launched “*The University of Tokyo Space Policy Initiative (UT/SPI)*” in 2010, supported by JAXA.  *Institute*
 - Background: Japanese space governance & policy is under a transition period. (Japanese Basic Space Law (2008))
 - Purpose: To promote space policy study in Japan and cultivate human resource for practitioners and researchers.
- Three types of activities
 - (1) “Space & public policy” weekly lecture for graduated students.
 - (2) “Space Governance” study group by scholars and professionals.
 - (3) Open workshops to share information and discuss future space policy. Invite foreign opinion leaders for networking.

Recent activities of UT/SPI

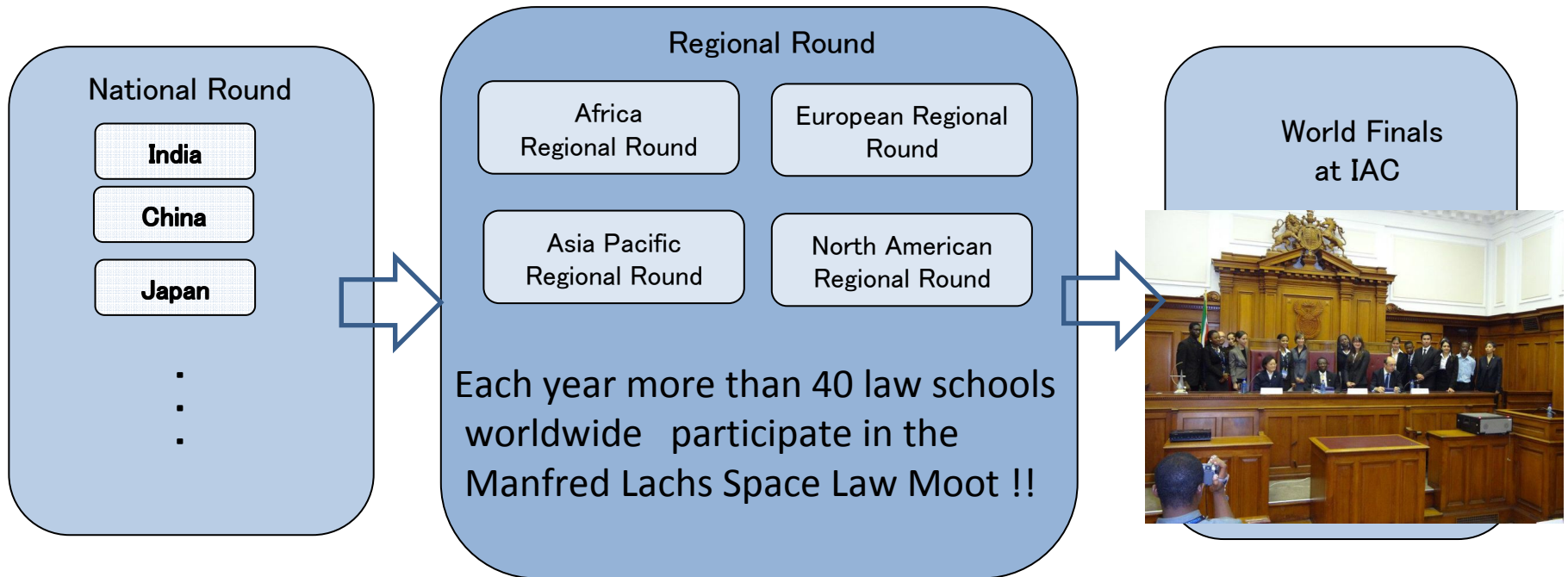
- (1) Education: FY 2012 lecture focused on *space industrialization* by governmental authorities and industries as guest lecturers. Many unique ideas for the industrialization were produced by the students.
- (2) Research : Space Governance study group is investigating *“Japanese space diplomacy for Asia-Pacific region”*. Starting in FY 2013, the study group will begin a project to compare recent space policies in Japan and foreign countries.
- (3) Outreach : Scholars and professionals from China, India, Russia, Indonesia and Japan joined the recent Workshop in February 2013 to discuss space policy. Participants found it useful to continue an exchange of information to

Basic framework of capacity-building by a cooperation between JAXA and universities aiming to create “University-based think tanks”



*JAXA provides lecturers

Continuous support for the IISL's Manfred Lachs Space Law Moot Court



- JAXA is the continuous sponsor financially supporting the winner of the Asia Pacific Regional Round to join the world finals at IAC.
- JAXA is also supporting the annual Japanese national round by giving advice to the students organizer and dispatching the judges.

Recent topics for the contribution to the Manfred Lachs Space Law Moot Court

- Last year, JAXA sponsored students from National Law School of India University, winners of the Asia Pacific Regional Round, won the world finals at the IAC Naples, for the first time as the representatives from Asia Pacific Region.



- Keio Univ. and JAXA are jointly preparing for the Asia Pacific Regional Round in June 2013, in which 26 Universities applied.

Cooperation through ISTS <http://www.ists.or.jp/2013/>

- ISTS (International Symposium on Space Technology and Science) is the most popular international conference in Japan for capacity building for not only for space technology and science, but also for space law and policy.
- ISTS is organized biennially from 1959, supported mainly by JAXA, Industry, Universities and local government.
- **29th ISTS will be held from June 2 to 9 in Nagoya-Aichi, Japan.** It contains space law & policy sessions below and selected 10 papers will be presented (5 from Japanese and 5 from foreigners)
 - ◆ Space Policy and International Cooperation
 - ◆ Space Utilization and Security

Internship opportunity at JAXA

JAXA has become a popular destination for the internship not only among future engineers or scientists, but also future lawyers.

- ✓ Participants undertake work experience as legal staff at the Legal Affairs Division or on certain project directorate.
- ✓ They also conduct research on current issues on space law and submit a report to JAXA.
- ✓ In 2012, JAXA Legal Affairs Division accepted a university student and a legal apprentice as internship.
- ✓ Recently, many legal apprentices apply for internship at JAXA. They are interested in space law as their professional career.

Conclusion:

- JAXA will continuously contribute to capacity building in the field of space law and policy.
- JAXA wishes to facilitate international cooperation in these areas, by promoting networking and research cooperation.

Thank you very much for your attention.

