

Embassy of Switzerland in Japan  
State Secretariat for Education and Research SER  
Swiss Knowledge Network





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# Foreword



Dear Reader,

On March 11, 2011, Japan was hit with one of the strongest earthquakes in recorded history, the Great East Japan Earthquake, soon followed by a massive tsunami beyond imagination. The prefectures of Miyagi, Iwate, and Fukushima have suffered great damage and people in the affected areas have been enduring the unendurable.

Switzerland was quick in offering help –humanitarian, financial and in the science and technology arena. Almost immediately, a web-platform was established as a single entry point to coordinate relief efforts via scientific ties, to list open positions and

other opportunities including funding for Japanese researchers, students and partners ([www.global.ethz.ch/stc/japan/support](http://www.global.ethz.ch/stc/japan/support)). The Swiss Chamber of Commerce and Industry in Japan SCCIJ offered a list of donations/contributions to the relief efforts made by the Swiss Business Community in Japan ([www.sccij.jp/about-sccij/donation](http://www.sccij.jp/about-sccij/donation)). Swiss institutions were also a part of the Nippon Science Support Network ([www.nipponsciencesupport.net](http://www.nipponsciencesupport.net)), a global initiative to coordinate international relief efforts in science.

Nine months later, Japan is strongly moving forward not only to recover from the disaster

but also to reconstruct an even better society. Science, technology and innovation are recognized as an important driver to lead this reconstruction. The Science & Technology Office Tokyo, a member of the Swiss Knowledge Network, is most pleased to be in Japan to be able to support this important phase.

You will find in many of our activities promoting Swiss science, technology, innovation, education and art in the year 2011 reflecting such efforts, both directly and indirectly.

Key events in our Annual Report 2011 include the Swiss Solar Pavilion at the world's leading photovoltaic exhibition, the Swiss Innovation Booth at Japan's major innovation event, Swiss Science Corner at the world's largest nanotech exhibition, and architecture related events, such as the Valerio Olgiati Exhibition at a prominent museum. We received the biggest delegation of Swiss high-level participants to STS forum, renewing the record yet again. We also continued to build academic networks with universities in Japan through agreements and visits. The third call for the Strategic Japanese-Swiss Cooperative Program on "Molecular Medical Research" made through ETH Zurich as the lead institution on the Swiss side, promises to be another huge success, underlined by the high number of quality joint-proposals.

The bi-monthly Science-Switzerland newsletter, prepared by the Science & Technology Office Tokyo continues to grow in terms of number of subscribers. We are proud to say

it has become a regular tool for people worldwide to collect information on Swiss excellence in science, education, art and innovation.

Our work would not be possible without the vital support from the Swiss government and from our stakeholders, sponsors, partners, event participants, colleagues, and friends. We are grateful for their continued commitment to strengthen the collaboration between Switzerland and Japan.

A warm thank you to all!

Science & Technology Office Tokyo team



# At A Glance

## Science & Technology Office Tokyo

The Science & Technology Office Tokyo is an integral part of the Swiss Knowledge Network, which is a key component of Swiss foreign policy to promote science, technology, innovation and higher education. The global network, run by the Swiss State Secretariat for Education and Research SER in close cooperation with the Federal Department of Foreign Affairs FDFA, currently consists of 23 science and technology counselors at selected embassies, including Tokyo, as well as swissnex Boston (2000), swissnex San Francisco (2003), swissnex Singapore (2004), swissnex China (Shanghai 2007) and swissnex India (Bangalore 2010).

Science and technology counselors are responsible for creating optimal conditions for international cooperation between researchers, public and private research institutes and universities.

In each host country, science and technology counselors are also responsible for facilitating the exchange of students and professors and promoting Switzerland as a location for higher education and scientific research. The counselors also help build and maintain personal and institutional networks that can be of use to Swiss scientists, universities and businesses.

Japan is a special target for the Swiss knowledge network; the country is named in the Federal Council Dispatch on the Promotion of Education, Research and Innovation as a potential partner with which Switzerland would like to establish broader and deeper ties in bilateral research cooperation. Only 8 countries outside Europe and the U.S. have been highlighted as such. A corresponding bilateral agreement has been signed between Switzerland and Japan in 2007 to secure the best possible scientific quality and promote long-term partnership.

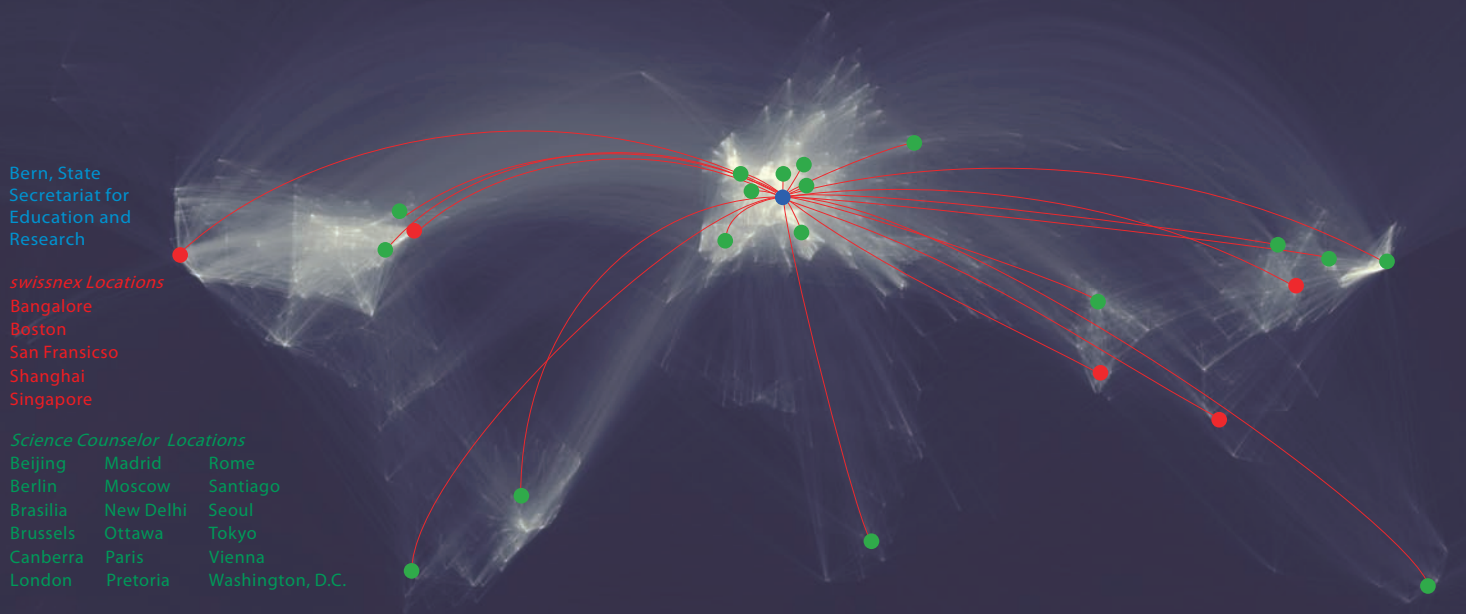
To ensure the smooth implementation of these objectives, the Science & Technology Office Tokyo receives delegations from Switzerland and offers support to make their trips even more meaningful. Swiss officials, scientists, architects, designers, engineers and specialists from high-tech start-up companies can tap into our global perspective and local expertise.

The Science & Technology Office Tokyo provides platforms for Swiss universities, university spin-offs, associations and research institutions, including the ETH Domain, so they can be well represented at large exhibitions under the Swiss umbrella.

We provide reports on Japan's science policies in the form of newsletters, summary reports and correspondences.

In addition, the Head of the Science & Technology Office Tokyo shares the chair of the Science & Technology Diplomatic Circle S&TDC, a network of science counsellors from more than 80 diplomatic missions including the British Council, CAST, CNRS, DFG, NASA and NSF. The very visible Swiss presence in the active S&TDC, which makes around 12 visits annually to Japanese governmental, academic and industrial institutions, helps promote Switzerland to the local and global specialists stationed in Japan.

In short, the Science & Technology Office Tokyo acts as a liaison and an information hub in the important field of science, technology, innovation and higher education. We are here to support the successful bilateral and multilateral relationships between Switzerland and Japan.





# Highlights 2011



## Strong Swiss Presence at STS Forum

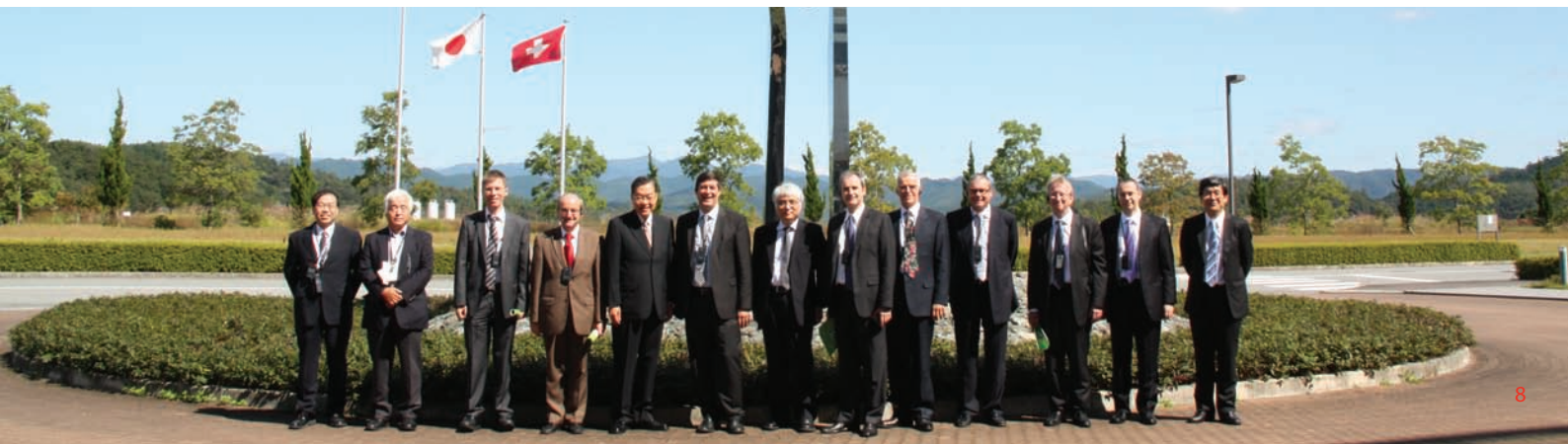
A Swiss delegation of 20 high-level decision makers from the field of science and technology, headed by State Secretary for Education and Research Dr. Mauro Dell'Ambrogio, attended the Science and Technology for Society forum (STS forum) held from October 2-4 exemplifying Switzerland's strong standing in the domain. The organizers of the event held in Kyoto asked 11 Swiss to be speakers – a number among the highest along with the host country, Japan, and the U.S. Dr. Dell'Ambrogio also attended the S&T Ministers Roundtable Meeting organized by the Cabinet Office of Japan and presented ideas from Switzerland on the topic "How Science & Technology Can Contribute to Construction of a Secure and Safe Society". In addition, the State Secretary had ten bilateral meetings around the event including those with Mr. Masaharu Nakagawa, Minister of Education, Science and Technology MEXT, Mr. Motohisa Furukawa, Minister of State for Science and Technology and representatives from other countries such as the EU, India, Mauritius, Singapore, South Korea, Sweden, the U.S., and ITER.





## Swiss High-Level Delegation Visits World's Leading Research Facilities

On October 4, part of the high-level delegation attending STS forum visited world's leading research facilities in Japan; one of the world's most powerful synchrotron radiation research facilities and the world's fastest supercomputer. Dr. Mauro Dell'Ambrogio, State Secretary for Education and Research, Mr. Ruedi Noser, Swiss National Parliament, Dr. Fritz Schiesser, President of ETH Board, Dr. Joël Mesot, Director of PSI, Dr. Gerhard Schmitt, Senior Vice President, ETH Zurich, Dr. Matthias Kaiserswerth, Director, IBM Zurich Research Laboratory, Dr. Beat Hotz-Hart, ETH-Board and Dr. Felix Moesner, Head, S&T Office Tokyo were given a tour and presentation at the SPring-8 (Super Photon ring 8 GeV) with the X-ray free-electron laser (XFEL) SACLA which is one of the only two facilities in the world to offer this novel light source. Switzerland plans to have its own SwissFEL at PSI with similar technical concepts. The two countries exchange their expertise for the propagation of the technology. The delegation also visited the world's fastest supercomputer "K" at RIKEN, with which ETH Zurich has an agreement. Besides being the most powerful of all computers, the 100% made-in-Japan supercomputer is reportedly also one of the most energy efficient. The "K" topped the twice-yearly TOP500 ranking in both June and November 2011 and cracked the 10 petaflop barrier for the first time.



# Highlights 2011 cont.

## Presidency of Science & Technology Diplomatic Circle S&TDC Tokyo

The Science & Technology Diplomatic Circle Tokyo has 81 members from diplomatic missions and associations (NSF, NASA, DFG, Fraunhofer, DAAD, CRNS, CAST, British Council, etc.) and is very active making about 12 annual visits, meetings or other events with Japanese governmental, academic and industrial institutions. The Swiss presence is extremely visible with the co-chairmanship since 2005, leading the organization of briefings by the Ministry of Education, Science and Technology MEXT with Minister Masaharu Nakagawa, as well as by the Ministry of Economy, Trade and Industry METI and its R&D / funding agencies.

List of events for 2011: Briefings by MEXT, METI, Council for S&T Policy CSTP; Presentations by the STS forum, RIKEN, Tohoku University, Japan Association of National Universities JANU, Japan Science and Technology Agency JST, Chubu Electric Power Company, Fraunhofer Representative office Tokyo, a visit to the Takasaki Advanced Radiation Research Institute of the Japan Atomic Energy Agency JAEA, the Year End event with over 80 participants and other networking events.





# Swiss CTI President and CEO Visited NEDO

Mr. Walter Steinlin, President of the Commission for Technology and Innovation CTI of Switzerland and Dr. Klara Sekanina, CEO visited NEDO and had a meeting with Executive Director Hiroshi Watanabe on October 5. During the meeting, the views on the latest trends in technology development in Japan and Switzerland were exchanged. NEDO referred to its various project implementation in the fields of biotechnology and medical technology, electronic/materials technology/nanotechnology and machinery systems. Mr. Steinlin explained CTI's characteristic supporting structure and also the successful examples among CTI's projects. In 1947, CTI was established under the Swiss Federal Department of Economic Affairs. In 2011, it was reorganized as an independent body. CTI provides support to R&D projects of academic-industrial collaboration, small-and-medium-sized businesses, start-up companies and knowledge and technology transfer.



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TECHNOLOGY

## Japan at World Engineer Congress in Geneva

Japan was well represented at the World Engineers' Convention (WEC 2011), held in Geneva from September 6 to 9, as a result of the visit of Swiss parliamentarian Mr. Ruedi Noser in January to promote the event. Dr. Sohei Okada, Executive Director of the Japan Atomic Energy Agency JAEA who was introduced to the WEC organizers by the Science & Technology Office Tokyo, was the lead speaker in the Special Session Fukushima: Facts and Consequences Dr. Okada was also interviewed by Tec 21 during his visit.

### «NICHT JENSEITS DER ERWARTUNGEN»

Vor knapp einem halben Jahr ereignete sich in der japanischen Präfektur Fukushima die grösste Reaktorunfall seit 25 Jahren. Wohl kaum eine andere Katastrophe der jüngeren Vergangenheit wurde dermassen stark politisch instrumentalisiert und durch den Filter einer von Land zu Land divergierenden Berichterstattung angelegt. Im Vorfeld seines Referates im Rahmen der «Special Session Fukushima» an der WEC 2011 hat Sohei Okada, Geschäftsführer der Japan Atomic Energy Agency (JAEA), sein Urteil zu aktuellen Fragestellungen abgegeben.

Wie sieht es nach den bisherigen Erkenntnissen aus? Mit Atomkraft auszukommen und am Bestenfalls die Minimierung des CO<sub>2</sub>-Ausstosses zu bewerkstelligen. Inwiefern es irgendeine Form von Total-Stop gibt, ist fraglich. Inwiefern die Sicherheit von Atomkraft sich zu einem Extremum hin entwickelt, ist fraglich. Ich hoffe, dass uns dies die nötige Bescheidenheit verschaffen wird, um eine realistische Lösung zu finden.



#### URSACHE DES UNFALLS

Gemäss bisherigen Erkenntnissen wurden praktisch alle Schäden am Kernkraftwerk Fukushima durch den Tsunami verursacht. Laut einem Bericht des europäischen Fachverbands für Strom- und Wasserversorgung (EWG) wäre dies zu verstehen gewesen.

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Dr. Hironaka, was ist die Stimmung der Bevölkerung in Japan, hat ein halbes Jahr nach der Katastrophe? Ganz Japan scheint sich in einem idealistischen Übergangsbereich zu befinden, der tatsächlich durch gegenseitige Kritik verursacht wird. Da ist einseitige Wut, andererseits Resignation. Einerseits herrscht Tugend um die Opfer des Erdbebens und des Tsunamis, andererseits ein Entschlossenheit für die weitere «Futur»-Entwicklung, die den WEC 2011 durchgezogen hat. Auf der einen Seite will man erneuerbare Energien wie Sonnen- und Windenergie vorantreiben und zu einer stärkeren Abhängigkeit von lokalen Energiequellen zurückkehren, auf der anderen Seite will man den bestehenden Energie- und Atomkraft ausbauen und am Bestenfalls die Minimierung des CO<sub>2</sub>-Ausstosses zu bewerkstelligen.

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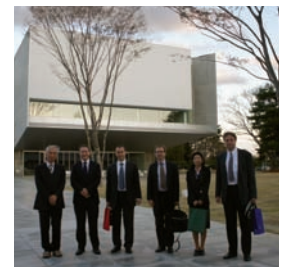
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ZUR PERSON

## “Swiss support to Japan” 2011Tohoku Earthquake Web-Platform to Support Researchers and Science Projects

A new web-platform was established in response to the massive Tohoku earthquake and tsunami disaster on March 11 to intensify and support scientific research activities between Japan and Switzerland. As a single entry point, the site provides a platform for coordinating relief efforts via scientific ties and lists open positions for visiting Japanese researchers and students, lab facilities available to Japanese partners as well as dedicated research initiatives and funding resources. ETH Zurich, which has been the contact point for of bilateral cooperation projects between the two countries is hosting the new platform. – Website: <http://www.global.ethz.ch/stc/japan/support>



# Highlights 2011 cont.

## Science & Technology

### Swiss Solar Pavilion at Leading Photovoltaic Expo

The Swiss Solar Pavilion was organized by the Science & Technology Office Tokyo at PV EXPO 2011 to promote the excellence of Switzerland's photovoltaic related technologies to 90'011 visitors at the world's leading exhibition in this field from March 2-4. Solar Impulse, the first plane to fly day and night around the world solely on solar energy, was a big attraction. Co-exhibitors included, Fluxim AG, Flisom AG, Hilti (Japan) Ltd., Zermatt Bergbahnen AG and the associations Cleantech Switzerland and SWISSOLAR. The presence of EPFL and Empa highlighted the distinctive advantage of Swiss research & development. "Switzerland. Trade & Investment Promotion." and Berne Economic Development Agency also joined to promote Switzerland. The Pavilion was further supported by the Swiss Chamber of Commerce and Industry in Japan. Mrs. Ambassador Anja Siebold Bucher of the Embassy of Switzerland in Tokyo visited the floor on behalf of the Ambassador as a strong sign of support and witnessed the latest achievements in the renewable energy technology. – Video clip: <http://tinyurl.com/PV-EXPO-2011-video>.

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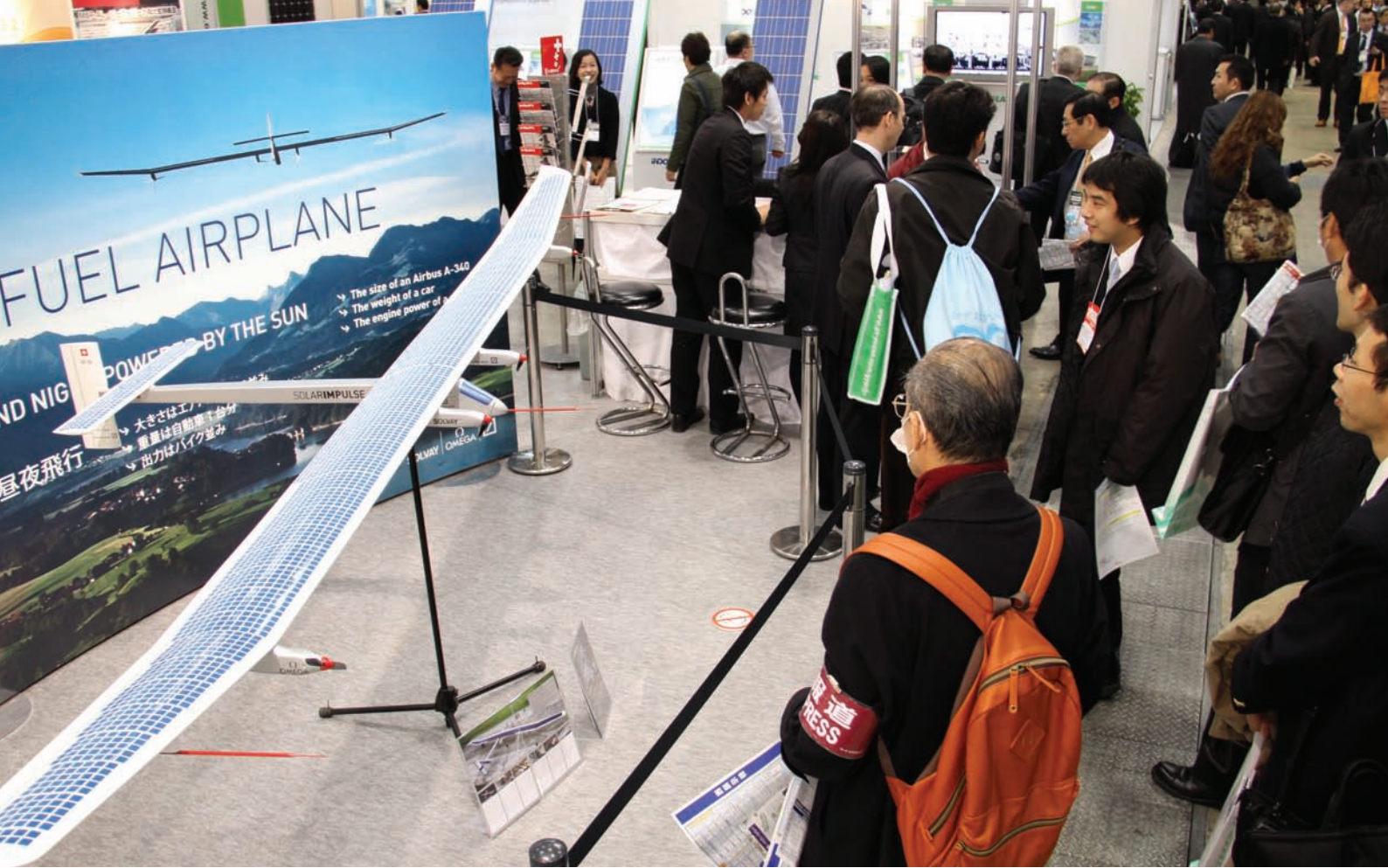
“This PV Expo was an excellent event covering different types of technologies from manufacturing to devices. The Swiss PV (Solar) Pavilion organized by Swiss Embassy was also a good opportunity to expose about the Swiss PV activities, and the staff was very helpful. I must thank and congratulate the staff for organizing such a nice booth which was quite informative. And there was a lot of interest among the visitors to see what Switzerland is doing for the photovoltaics.”

PROF. AYODHYA TIWARI,

HEAD OF THE PHOTOVOLTAICS LAB AT EMPA AND CHAIRMAN OF FLISOM AG







## Swiss Pavilion at World's Largest Nanotech Expo

The Swiss Pavilion at nanotech 2011, held between February 16 and 18 in Tokyo, was organized by Inno-X and empowered by the Science & Technology Office Tokyo, to highlight Switzerland's advancements in the field of nanotechnology. Ambassador Urs Bucher visited the expo, the 10th in a series, which continues to be the world's largest nanotechnology event attracting 46'502 visitors. Exhibitors of the Swiss Pavilion presented their most recent achievements in surface heating films using nano coating materials, atomic force microscopes and scanning tunnelling microscopes, micro-assembly robots, 3D topography analysis, NanoDiamond, NanoCBN and nanoparticles for dispersions and suspensions. The Swiss academic excellence was underlined by the ETH Zurich Micro and Nano Science Platform, EPFL, IBM Zurich Research, Swiss MNT Network and Nanograde.



# Highlights 2011 cont.

## Swiss Innovation Booth at Innovation JAPAN

Empowered by the Science & Technology Office Tokyo and with the great support of CTI, the Swiss Innovation Booth presented Europe's most innovative country's excellence in innovation, science & technology to Japan's most sophisticated universities, research institutions, offices of technology transfer and potential business partners. Innovation JAPAN 2011, which took place on September 21-22 is the nation's largest exhibition focusing on all aspects of innovation– with 300 exhibitors and nearly 30'000 visitors. This year, Switzerland introduced two bright startups: QualySense and Winterthur Instruments. Their key role at the Swiss Innovation Booth was emphasized by a concurrent, highly successful event at the Swiss Embassy which brought together the 2 Swiss startups and 3 Japanese ones, offering them opportunities to pitch presentations and network with a targeted audience. Other Swiss participants at the booth included ETH Zurich, EPFL, UAS, PSI, Empa, Eawag, SwiTT and Nestlé. Video clip: <http://tinyurl.com/Inno-Japan-video-2011>

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“The Embassy and the S&T Office Tokyo have done a superb job in providing all necessary tools for a successful Innovation Japan Fair. We could have an excellent window on such a prestigious exhibition and getting familiar with the Japanese ecosystem. I believe this kind of support is what startups need when being far away from home. I really hope these services will keep on growing and help Swiss technology to make it in Japan.”

DR. FRANCESCO DELL'ENDICE, CEO, QUALYSENSE AG

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“My expectation in visiting the Innovation Japan 2011 was to gather first impressions and reactions from the Japanese market as well as to establish contacts with potential business partners. The exhibition has been a great success. I much value the contacts gathered during the exhibition and will follow them up in order to get further insights into the Japanese coating market. Thank you for this valuable opportunity.”

MR. ANDOR BARISKA, CEO, WINTERTHUR INSTRUMENTS GMBH





# SWISS INNOVATION

ドイツ・イノベーション・アワード  
F-02  
ドイツ科学・イノベーションフォーラム 東京

ICT Mobility and Networking

Health and Wellbeing

Learning Environment

QualySense



# Highlights 2011 cont.

## Education

### Education Fairs at Tokyo Tech, Keio University, JASSO

Switzerland was well represented at prominent education fairs throughout the year by the Science & Technology Office Tokyo. The Swiss booth was always busy with many prospective students lining up at all of the Study Abroad Fairs; at the Tokyo Institute of Technology TiTech on April 20, the Education Fair at Keio University on June 1 and the Study Abroad Fair hosted by the Japan Student Services Organization JASSO under the umbrella of the Ministry of Education, Science and Technology MEXT on October 15. Dr. Felix Moesner, Head of the Science & Technology Office Tokyo gave presentations on the Swiss education landscape on each occasion. Our thanks goes to the 4 exchange students who helped at the booth.



Type of Agreement:  
○ Inter-Faculty  
● Inter-University

	Akita University	Azabu University	Boguet University	Chiba University	Chuo University	Dokyo University	Doshisha University Kyoto	Hiroshima University	Hokkaido University	Hosei University	Hokkaido University	Hitachi University of Japan	Keio University	Kyotoku Women's University	Kyoto University	Kyoto University of Foreign St.	Meiji University Tokyo	Nagoya University	Nara Institute of Sci. & Tech.	Osaka University	Shizuoka Institute of Tech.	Sophia University	Tokyo University	Tokyo Institute of Technology	Tokyo University of Foreign St.	Tokyo University of Sciences	University of Tokyo	Waseda University	Yokohama National University	RIKEN	NIMS
EPF Lausanne	9	1																													
ETH Zurich	9																														
EMPA	1																														
University of Basel	2																														
University of Bern	4																														
University of Geneva	12																														
University of Lausanne	3																														
University of Luzern	1																														
University of St Gall	5																														
University of Zurich	12																														
HES-SO Valais	1																														
ZFH (ZHAW)	2																														

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“The Swiss booth had the most eye-catching display and the Science & Technology Office Tokyo, Embassy of Switzerland offered generous services to the visitors. Their seminar also attracted a large audience.”

**Ms. KAZUKO TSUCHIYA**, CHIEF ADMINISTRATIVE OFFICER, INFORMATION CENTER FOR INTERNATIONAL EDUCATION, STUDENT EXCHANGE DEPARTMENT, JAPAN STUDENT SERVICES ORGANIZATION JASSO

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“I had been considering studying abroad but Switzerland was not on my radar. However, from the presentation at the JASSO Study Abroad Fair, I thought I would be able to lead a fulfilling campus life in a beautiful environment as well. Currently, I feel that studying in Switzerland is very attractive compared to studying in other countries.”

**Ms. ASUKA KUDO**  
PROSPECTIVE STUDENT



## ETH Zurich Infomarkt with Focus on Japan

An Infomarkt to inform students about possibilities to study abroad was held at ETH Zurich on October 27 and November 2. The focus this year was on Japan. Study advisors gave presentations on various study programs as well as exchange programs. Specific information was provided on Japan, the US and Canada. In a joint-effort, the Science & Technology Office Tokyo and the Japanese Embassy in Bern gave direct counseling to interested students.

## University of St. Gallen Students Visit in Exchange Program

29 students from the University of St. Gallen and Keio University visited the Swiss Embassy to learn about its function as a part of their exchange program. The visit started with a short lecture by Chargé d'Affaires Mr. Edgar Doerig on the political and historic relationship between the two countries. His presentation was followed by other speakers, namely Dr. Felix Moesner, Head of the Science & Technology Office Tokyo, Ms. Tamaki Uchida, representing the Financial and Economics section, Mr. Alexander Renggli, Head, Public Relations and Cultural Affairs, and Mr. Roger Zbinden, Head, Swiss Business Hub Japan. The students also had an opportunity to discuss freely with the speakers to start off their 10-day stay in Japan.



# Highlights 2011 cont.

Architecture & Design





## Valerio Olgiati Exhibition at MOMAT

An exhibition on the works by Swiss architect Valerio Olgiati began at the Museum of Modern Art Tokyo, where an opening ceremony was held in the presence of more than 100 guests, including VIPs, and media on October 31. In addition, a dinner honoring Mr. Olgiati with Japan's leading architects was hosted by Ambassador Urs Bucher at the Swiss Residence. The Valerio Olgiati exhibition is a joint project between MOMAT, ETH Zurich and the

Accademia di Architettura in Mendrisio. "Since many years, Switzerland and Japan have been admiring the work of the other and sharing common interest, be it for their common fascination of good handcraft or special organization of structural thinking. We are

proud today, that with Valerio Olgiati, we celebrate here at the MOMAT one of the most talented upcoming architect of our country", Ambassador Bucher said at the opening ceremony. The exhibition will last until January 15, 2012.



## Monte Rosa Hut Presented at UIA 2011



Switzerland was well represented at the 24th World Congress of the International Union of Architects (UIA) held between September 25-28 in Tokyo, Japan with the presentation of the innovative Monte Rosa Hut project by ETH Zurich Professor Andrea Deplazes. The project has been jointly developed by ETH Zurich, The Swiss Alpine Club and Breath + Deplazes Architects. The project's main challenge was to find solutions for water, electricity and materials transportation. Electricity is provided by 80 square meters of solar panels integrated in the facade. The peripheral staircase allows the heat to propagate from the bottom to the top of the building. A remote controlled system developed by ETH Zurich can calculate the amount

of electricity and other supplies available depending on the weather to determine how many people can be accommodated. With 13'000 visitors per year, the Monte Rosa Hut is a perfect example of how to integrate innovative projects in the natural environment.



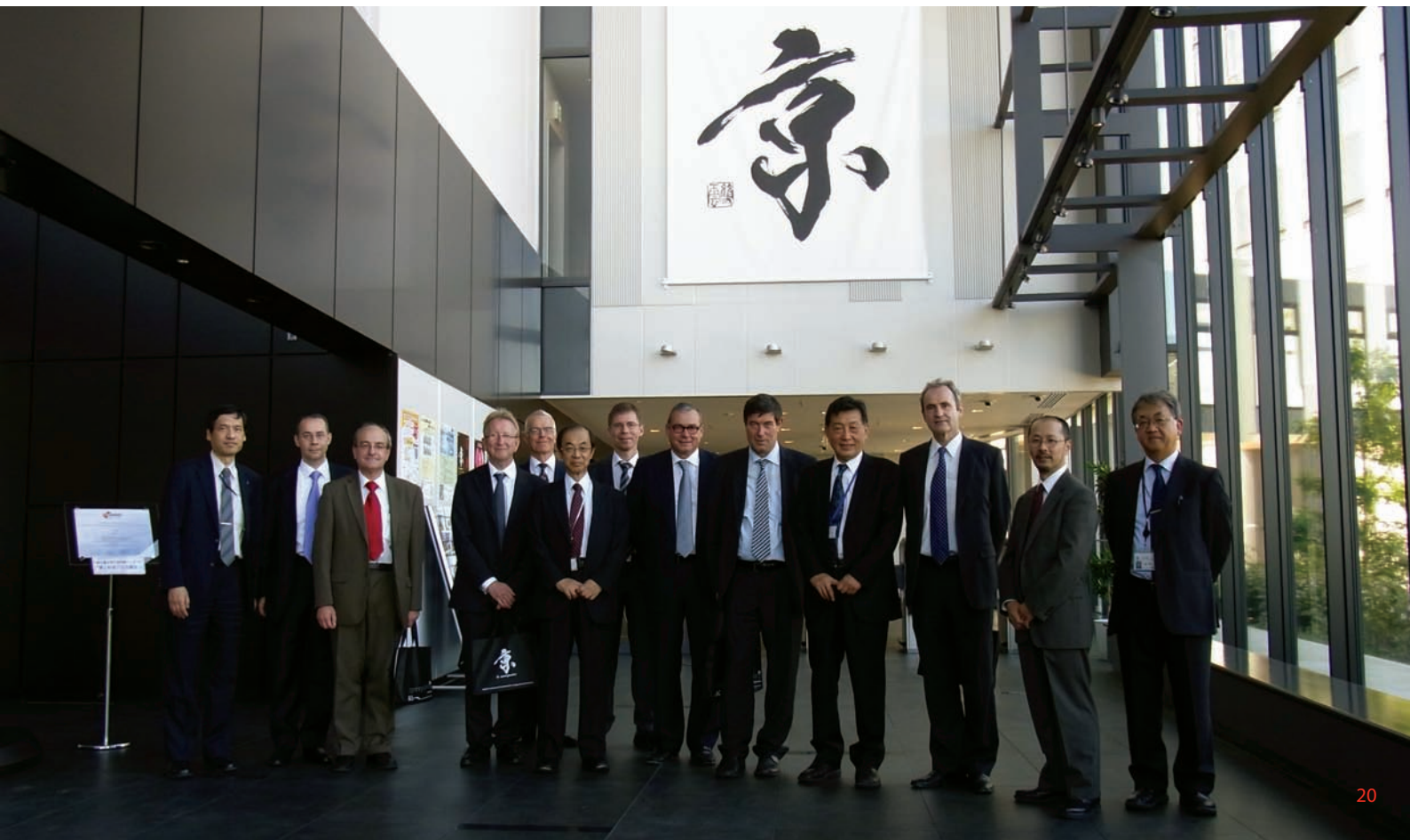


## Selected List of Visits/Delegations

- Mr. Ruedi Noser, National Councilor, Swiss National Parliament, January 13 + October 2-4
- Prof. Wendelin Stark, Micro and Nano Science Platform, ETH Zurich, January 28
- Student Delegation of UNISG and Keio University, February 18
- Mr. Philip W. Erzinger, CEO St. Gallen Foundation, April 14
- Dr. Uwe Krueger, President, Cleantech Switzerland, May 12
- Prof. Dr. Daniel A. Rüfenacht, Swiss Neuro Institute, May 18
- Prof. Dr. Louis Schlapbach, Director Emeritus Empa, June 14 + October 2-4
- Prof. Andrea Deplazes, Chair of Architecture and Technology, ETH Zurich, September 27
- Dr. Peter Maurer, State Secretary for Foreign Affairs, September 29
- Prof. Christian Kerez, Architect, ETH Zurich, September 29
- Dr. Mauro Dell'Ambrogio, State Secretary for Education and Research, October 2-4
- Dr. Fritz Schiesser, President, ETH Board, October 2-4
- Prof. Dr. Gerhard Schmitt, Senior Vice President, ETH Zurich, October 2-4
- Prof. Dr. Matthias Kaiserswerth, Director, IBM Zurich Research Laboratory, October 2-4
- Mr. Walter Steinlin, President, Commission for Technology and Innovation CTI, October 2-4
- Dr. Klara Sekanina, CEO, Commission for Technology and Innovation CTI, October 2-4
- Prof. Dr. Rik Eggen, Deputy Director, Eawag, October 2-4
- Prof. Dr. Heinz Gutscher, President, Swiss Academy of Arts and Sciences, October 2-4
- Prof. Dr. Alexander Zehnder, President Emeritus of ETH Board, October 2-4
- Dr. Rolland-Yves Mauvernay, President & CEO, Debiopharm S.A., October 3
- Prof. Dr. Joël Mesot, Director, Paul Scherrer Institut PSI, October 3-4
- Prof. Dr. Paul Herrling, Head of Corporate Research, Novartis International AG, October 3-4
- Prof. Dr. Adrian Ionesco, Gardian Angels Flagship Initiative, EPFL, October 5
- Prof. Dr. Yuko Harayama, Chevalier de l'Ordre & OECD, October 6

- Dr. Ulrich Gygi, Chairman of the Board, Swiss Federal Railways SBB, October 13
- Mr. Andreas Meyer, CEO, Swiss Federal Railways SBB, October 13
- Prof. Valerio Olgiati, Accademia di Architettura in Mendrisio, October 31
- Dr. Hans Groth, Chairman of the Board, World Demographic & Ageing Forum, November 2
- Prof. Dr. Lorenz Hurni, Dean, Editor-in-Chief ATLAS OF SWITZERLAND, ETH Zurich, November 7

.....and regards to all those visiting Japan in 2011.



# Communication & Media

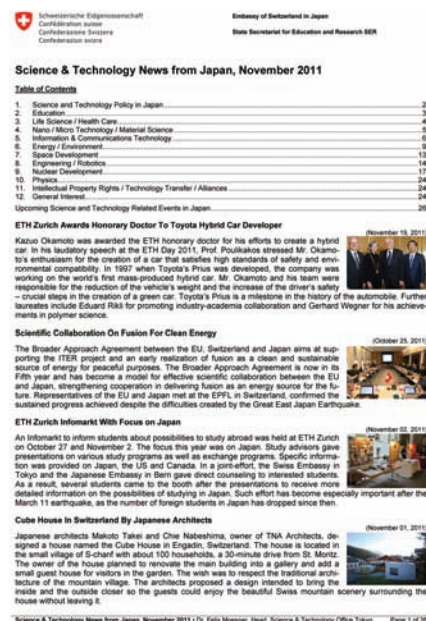
## Communication

### ST Newsletter from Japan

Launched in 2003, the “Science & Technology Newsletter from Japan” with nearly 5000 followers is an important tool to regularly report intelligence work on latest developments in Japan back to Switzerland. In November 2011, the total number of news summaries reported to Switzerland surpassed the 12'500 mark, now with a total of 12705 news summaries. In 2011, an average of 129 management summaries have been sent out every month and a total of 95 policy summaries were delivered reporting the latest steps taken by the Japanese government. The following table shows the topics and the number of management news summaries reported from January to November 2011. Energy/Environment and Nuclear Development accounted for the highest number of news.

Topics	Total
Science and Technology Policy in Japan	95
Education	75
Life Science / Health Care	130
Nano / Micro Technology / Material Science	59
Information and Communication Technologies	143
Energy / Environment	294
Space Development	51
Engineering / Robotics	147
Nuclear Development	271
Physics	18
IPR / Technology Transfer / Alliances	39
General Interest	98
Total	1420

Number of articles in each category (Jan. - Nov. 2011)



“The Science & Technology News from Japan provides excellent access to top-class information.”

**MARTIN MEYER**

PROFESSOR EMERITUS, BERN UNIVERSITY OF APPLIED SCIENCES





“I would like to take the opportunity to congratulate you for the work you are doing which is extremely useful to companies in Switzerland.”

FREDERIC NEFTEL, M.D.

PRESIDENT & CEO, DEBIOTECH SA SWITZERLAND

## Science-Switzerland Newsletter

The Science & Technology Office Tokyo together with swissnex San Francisco is producing the “Science-Switzerland” newsletter, which is an electronic publication sent to international readers designed to promote Swiss excellence in education, science, technology and innovation. This newsletter reports with short top-highlights on the latest developments in Switzerland for busy people around the globe. Currently, around 12'000 recipients are subscribed; distribution channels also include Swiss diplomatic missions, foreign diplomatic missions in Bern as well as Swiss Business Hubs.

Back numbers: [www.swissinnovation.org/Science-Switzerland](http://www.swissinnovation.org/Science-Switzerland)

## Video Clips

PV EXPO 2011 / Innovation Japan 2011

>> <http://tinyurl.com/STOfficeTokyo-clips>




# Communication & Media cont.

## Media

Every year, the Science & Technology Office Tokyo organizes many events which help promote the Swiss excellence in science, technology, innovation and higher-education in the media, in Japan, Switzerland and elsewhere. Here are a few of the examples of the successful pick-ups for 2011:



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 Kalaidos University of Applied Sciences Switzerland  
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# Team

## Science & Technology Office Tokyo

Lorenzo Dentella (intern)  
Kyoko Suzuki (assistant)  
Felix Moesner (head)  
Yasuko Matsumoto (secretary)  
Doran Deluz (intern)  
Samuel Krebs (intern)



# Interns

A total of 16 interns have supported the Science & Technology Office Tokyo over the last few years. About one-third have moved on to pursue their doctor's degree, while many others have a sound career.



**Tamara Saad** (Jan. 2012 - May 2012)  
MA in Comparative and Int. Studies,  
ETH Zurich



**Richard Meunier** (Jan. 2010 - May 2010)  
MSc in Physics,  
EPFL



**Samuel Krebs** (Oct. 2011 - Apr. 2012)  
MA in Japanese Studies,  
University of Zurich



**Yannick Do** (Aug. 2009 - Nov. 2009)  
MSc in Communication Systems,  
EPFL



**Lorenzo Dentella** (Aug. 2011 - Dec. 2011)  
MSc in Architecture,  
Geneva University of Applied Sciences



**Sonia Ackermann** (May-Jul. 2009)  
Ph.D., M.S in Earth Sciences,  
UNIBAS



**Doran Deluz** (Jun. 2011 - Oct. 2011)  
MSc in Physics,  
EPFL



**Oliver DeCaro** (May 2008 - Oct. 2008)  
BSc. Eng. in Natural Resource Management,  
UAS of Western Switzerland



**Marcel Hegnauer** (Mar. 2011)  
MSc in Applied Geophysics,  
ETH Zurich



**Amanda Prorok** (Apr. 2007 - Dec. 2007)  
MSc Computer Science,  
EPFL



**Antonia Ludquist** (No. 2010 - Mar. 2011)  
MSc in Life Sciences & Technology,  
EPFL



**Harald Wendler** (Jan. 2006 - Mar. 2007)  
BSc in Physics and MSc in Japanese,  
University of Geneva



**Flurina Bieler** (Oct. 2010 - Nov. 2010)  
BA in Japanese,  
University of Zurich



**Caroline M. L. Nagai** (Oct. 2004 - Dec. 2005)  
Faculty of Law,  
University of Fribourg



**Philippe Labouchère** (Jun. 2010 - Oct. 2010)  
MSc in Physics,  
ETH Zurich





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