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CANON
FOUNDATION
IN EUROPE

1987-2012

CELEBRATING
25 YEARS
OF GRANTING
FELLOWSHIPS

Canon

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Bulletin

25 YEARS AND STILL COUNTING

FROM OUR CHAIRMAN

It is some 25 years since Canon Europa N.V. established the Canon Foundation in Europe. This is a sufficient milestone to warrant recognition.

In the 25 years that the Canon Foundation has been active, a total of 304 Fellows were granted Canon Foundation Fellowships. 179 of these were to Europeans from 23 countries and 125 to Japanese Fellows. Research fields have been as diverse as the different nationalities and cultures – from “Mobile multimedia” to “Migrant women and intercultural space between Japan and Europe” to the “Regulation of GD3 synthase expression in breast cancer.” A main part of the celebrations to commemorate this milestone will be a

lecture which will be held in November in The Hague, The Netherlands. For more information about the event, please read further in the Bulletin.

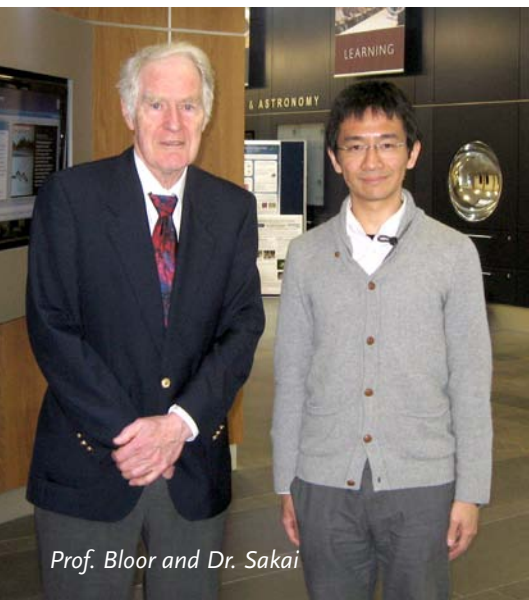
Over the years, the Foundation has become respected in the world of grant making institutions. It has tried to stay true to its objective of promoting international cultural and scientific relations between Europe and Japan.

In having helped us achieve this, we are grateful to former and present members who supported the Foundation and helped shape it into what it is now – a solid institution, secure in its core activity of

granting awards in these difficult times. Our thanks go to them all.

Finally, it suffices me to thank our “ambassadors” – the Fellows who travelled far afield in the spirit of research and fulfilling their research goals. I see that this anniversary marks an opportunity to reflect on “work in progress” - with still many more Fellowships to award - rather than a journey completed.

JAMES LEIPNIK
CHAIRMAN
CANON FOUNDATION IN EUROPE



Prof. Bloor and Dr. Sakai

In April, Honorary member, Professor David Bloor visited Dr. Hideaki Sakai (2011) at the Faculty of Physics and Astronomy at University of St. Andrews, Scotland. Professor Bloor also met with Dr. Sakai's host professor, Professor Andrew P. Mackenzie who was grateful for the Foundation funding since it had enabled the Faculty to establish a firm working relationship at a time when internal funding was not available. Dr. Sakai is doing research in Physics on Electron liquid-crystal phases in strongly correlated electron systems.

OUR LIBRARY

To date, our library holds a total of 361 publications: 290 articles and 71 books – received by Fellows. These publications contain an acknowledgement to the Canon Foundation in Europe. Research for the publications was done during the Fellowship period of our Fellows.

INTRODUCING THIS YEAR'S NEW FELLOWS



Dr. Rei AKAISHI from the University of Tokyo will go to the Department of Experimental Psychology at

the University of Oxford hosted by Prof. Matthew Rushworth. Neurosciences: Cognitive neuroscience. Integration processes of reward-guided decision making in cortico-basal ganglia-thalamo circuits in humans.



Dr. Fiorella BUCCI from Studio associato di Psicologia Vernes in Rome, she will go to the

Graduate School of Letters, Department of Sociology at Kyoto University. Her host will be Prof. Kimio Ito. Psychology: To explore representations of mental illness in Japanese culture and society in order to foster a comparison with the cultural representations of mental health problems within Italian culture.



Dr. Tamaki ENDO from Saitama University will go to the Faculty of Law & Social Science, Department of

Development Studies, School of Oriental and African Studies at the University of London hosted by Dr. Naila Kabeer. Economics: Global Value Chain Analysis (GVC) of Labour-intensive Industry and Dynamics of Reorganization of Asian Economy.



Dr. Javier GARCIA-SERRANO from the Institut Catala de Ciències del Clima in Barcelona will go the

University of Tokyo. His host will be Dr. Masahide Kimoto at the Atmosphere and Ocean Research Institute. Environmental studies: Decadal predictability of the ENSO teleconnection to the tropic North Atlantic.



Dr. Kazuhiro HADA from the National Astronomical Observatory of Japan in Tokyo plans to do research

at the National Institute for Astrophysics, Bologna, under the guidance of Prof. G. Giovannini. Astronomy: Exploring the black hole activities and the Gamma-ray emissions in the active galaxy M87 with high resolution observations.



Dr. Goro KIMURA at Sophia University, Tokyo will go to the European University Viadrina in Frankfurt an der

Oder, Germany at the Faculty of Social & Cultural Sciences. His host will be Prof. Dr. Konstanze Jungbluth. Linguistics & Philology: A comparative study on interlingual strategies: insights from the German-Polish border.



Dr. Noa MITSUI from Nagoya University will go to the Institute for Particle and Nuclear Physics at

the Wigner Research Centre for Physics, Hungarian Academy of Sciences, Budapest. Her host professor will be Dr. Peter Van. Physics: Construction of a theory to express deformations and failures of inhomogeneous medium - for complete understanding of earthquake generation mechanism.



Ms. Yoshimi OSAWA from the University of Kent will go to the European University Institute as

part of the co-sponsored Research Fellowship Programme between the Canon Foundation and the European University Institute. Anthropology: Anthropology of food and history. Industrialisation and commercialisation of taste: the

development of umami products and their implications in Europe.



Dr. Lucian C. POP coming from the Babes Bolyai University in Cluj-Napoca, Romania is from 2 April

2012 at the Department of Chemistry at the Graduate School at Saitama University. He is hosted until 1 April 2013 by Prof. Dr. Masaichi Saito. Chemistry & Pharmacy: Reactions of novel trithiostannane with trihalides.



Dr. Masashi SUDA will do research at the Eating Disorders Unit, Institute of Psychiatry at King's College

London with Prof. Janet Treasure as his host professor: Medicine: Psychiatry. An examination of the role of oxytocin in Anorexia Nervosa: the impact on social and emotional functioning and food anxiety.



Mr. Tommi TAPANAINEN from the University of Turku will go to Hitotsubashi University at the Faculty of

Commerce and Management. His host professor will be Prof. Taro Kamioka. Economics: Role of the Chief Information Officer (CIO) in the Japan earthquake crisis of March 11, 2011.



Dr. Motoko YOSHIDA from Sophia University will go to the Faculty of Law at the University of

Regensburg, Germany. Her host will be Prof. Dr.Dr.h.c. P. Gottwald. Law: Recent legislative development in the EU and Japan regarding international jurisdiction and their influence on civil disputes.

CONGRATULATIONS TO...



On 5 May this year, Honorary Executive Committee member, Professor **PATRICK MASTERSON** who was conferred a 'Doctorate of Humane Letters - Honoris Causa' of

Champlain College, Burlington, Vermont for contributions to philosophy and university leadership.

Apart from his doctorate from Louvain University, Professor Masterson has three other Honorary Doctorates - one from Trinity College Dublin, one from Université de Caen, and one from New York University.

Dr. Koji FUJIWARA (1993) moved to the Department of Mathematics at Kyoto University from April 2012 as a Professor.

Prof. Marco CORBELLA (1996) was Co-Director of AAST International Workshop, exhibition and symposium on "Emergency architecture with Algorithmic Design", Tokyo.

Dr. Natacha AVELINE (1998) was elected to the National Scientific Research Committee of CNRS (experts who provide advice on and evaluation of research at CNRS) for the mandate 2012-2016.

Dr. Minori KOGURE (1999) was a winner in 2011 of the Prize Essays Commemorating the 130th Anniversary of Meiji University. In 2012, he also received a Fellowship to do research in USA from 2012-2015 with a Grant-in-Aid for Scientific Research (C) from the Japan Society for the Promotion of Science (JSPS).

Dr. Erica BAFELLI (2003) was promoted to Senior Lecturer at the University of Otago, New Zealand.

Dr. Heli RANTAVUO (2004) was promoted in 2011 to Head of Design Evaluation at Nokia Design in London.

Dr. Wakako ARAKI (2005) obtained a Humboldt Fellowship for experienced researchers in 2011 in Germany and is now back in Europe after 5 years.

Assoc. Prof. Ellen Van GOETHEM (2006) was awarded a Japan Society for the Promotion of Science (JSPS) Grant-in-Aid for Young Scientists (A) (Wakate Kenkyu A) (2011-2013).

Dr. Valerio ALBERIZZI (2008) was promoted in 2012 to Associate professor (non-tenured) at the Open Education Center at Waseda University. He was also awarded a 2011-2012 Japan Foundation Japanese Studies Fellowship.

Dr. Alexandros GASPARTOS (2008) is at Oxford University since September 2011 at the Biodiversity Institute as a James Martin Research Fellow. From June onwards, he will be working at the same Institute as a Marie Curie Fellow.

Dr. Genki YOSHIKAWA (2008) became a "MANA Independent Scientist" in 2011.

Dr. Isabel Jiménez ARENAS (2009) obtained a Postgraduate Certificate in Teaching Japanese as a Foreign Language.

Dr. Oscar NAVAJAS (2010) participated in III SEMINARIO IBEROAMERICANO DE INVESTIGACIÓN EN MUSEOLOGÍA (SIAM) in Madrid, 27-29 octubre 2011 with a Conference: La museología social como

herramienta del cambio en los museos de Japón.

Dr. Vanessa FRANGVILLE (2011) accepted the position as a Lecturer in Chinese Studies at the Victoria University of Wellington, New Zealand in July 2012.

Dr. Wataru MIZUKAMI (2011) obtained his PhD in 2011. In 2012, he received a Marie Curie Fellowship at the University of Bristol for 2 years.

Dr. Tamaki ENDO (2012) currently at the School of Oriental and African Studies, University of London won the 28th Masayoshi Ohira Memorial Prize for her book which was published from her PhD. It will be translated to English also and will be published next year.



Getting to grips with the art of Japanese cooking in his free time....

2012 Fellow Dr. Javier Garcia-Serrano currently at the Atmosphere and Ocean Research Institute, University of Tokyo pictured here at a cooking workshop with his classmates.

AN ACCOUNT FROM DR. VANESSA FRANGVILLE (2011)

The Fellowship started on January 1st, 2011. In early January, I visited Professor James Farrer and the Institute of Comparative Culture (ICC), my host institute, as well as the Maison Franco-Japonaise de Tokyo (MFJ) which I have been associated to since 2009.

My project aimed at investigating the concept of minzoku in Japan and its transfer to China at the turn of the 19th century. The main objective was to understand how and to which extent the Chinese neologism minzu had been informed by minzoku and reformulated in China in the early 20th century. It was an ambitious project in which I planned to examine the use and evolution of minzoku in Japanese scholarship on the one hand, and the manner in which it was reconsidered in the Chinese context on the other hand.

The Institute of Comparative Culture My stay in Japan has been decisive in the progress of my research. Not only was I able to improve my knowledge of Japanese language, history and culture, but it also allowed me to exchange with other scholars and to open new perspective for my work on China. I was warmly greeted by students

and scholars from the Institute of Comparative Culture, Sophia University, Tokyo. I was able to access the library and a very nice working space on the campus a few days before the destructive earthquake and tsunami waves. Following the accident of Fukushima nuclear power plant, I took a break away from Tokyo and stayed in Fukuoka, on Kyushu Island, where I permanently moved to during the summer. From March to June, activities and events on Sophia University's campus were extremely limited: libraries had been hit the hardest by the earthquake and aftershocks, and required massive restoration work; conferences and seminars had been cancelled or rescheduled; institutions were closed and staffs were on a leave. In these conditions, it was difficult to find opportunities to meet teachers and scholars before June, for most of them were out of Tokyo and very often abroad. Things really went back to 'normal' in September. The Maison-Franco Japonaise has been extremely helpful during my stay in Tokyo. Not only did they offer me a working space before I could get one at Sophia University, but I also had the opportunity to discuss my research with other scholars working there. I was invited to present my research

project and attended several seminars and conferences that were very useful for my work.

Living in Japan

The Tohoku earthquake that occurred in March 2011 had a considerable impact on my life and research here, as for everyone in Japan. I stayed in Japan for the rest of the year, as planned before, but moved from Tokyo to Fukuoka during the summer. Therefore, I find it difficult to give any information on a « typical » stay in Japan. One recommendation I would like to give here is to make sure with the host institution that you can use all facilities as soon as you arrive in Japan. Academic year in Japan ends in early February and starts from April. And so do all administrative procedures. On an administrative level, my affiliation to the Institute of Comparative Culture did not come into effect before March. Since I arrived in January, I was not able to access the libraries and working spaces on the campus before I could get the proper documents at the beginning of the new academic year. Besides, university libraries in Japan are not open to the public, even scholars, without a student/staff card or a special recommendation.

INVITED LECTURE SAVE THE DATE SAVE THE DATE SAVE THE DATE

This year's Invited lecture will be held on FRIDAY 23 NOVEMBER, 2012 in The Hague, the Netherlands. All Alumni Canon Fellows from the Benelux and immediate

past Fellows currently in Europe will be invited to the event. An extra bulletin will follow in September with more details on the lecture. Our website will also

be regularly updated with the latest information. www.canonfoundation.org

TSUKUBA REVISITED: WHEN PHANTASY BECOMES REALITY

MARIA BARDOSOVA, TYNDALL NATIONAL INSTITUTE UCC, LEE MALTINGS CORK, IRELAND

When I was awarded the Canon Fellowship in 1997, it was a 'dream come true'. Prior to the Canon grant application, I was involved with applied research in consumer electronics. In 1984, I became a leader of the Czechoslovak team responsible for bringing into production the first CD player in the Eastern Bloc. Digital recording was at its infancy then and our work also involved close familiarization with Japanese microelectronics, sophisticated technologies, elegant design of their devices as well as numerous meetings with Sony and Toshiba managers and technicians, always impeccably polite, correct and keeping a carefully set distance from us, their business partners.

I was already a big admirer of Japanese art and culture, although my knowledge about these subjects was rather limited. The thought that during the Fellowship I would not only be an observer but become directly involved in everyday work of a

top class Japanese research institution and participate in their research was very exciting.

I spent one year at the National Institute of Materials and Chemical Research AIST (NIMC) at Tsukuba, working with Prof Hiro Matsuda. I enjoyed my stay in his laboratory, albeit at the beginning, it was not an easy time for either of us. With hindsight I realize that very often, unintentionally, I acted like the proverbial „bull in a china shop“. Sometimes I felt that I said/did something wrong but frustratingly I also knew that thanks to the Japanese politeness I may never learn what it was.

Fortunately, early in my stay a kind soul appeared who gradually became my best friend and a spiritual guide leading me gently through the perils of the Japanese research, business and societal etiquette. Professor Nakanishi and her well-meant advice during the countless hours which we spent together discussing science, art, history and life in general made my stay

in Tsukuba enjoyable and fruitful. Our friendship did not end with my return to Europe – I visited NIMC again as a JSPS fellow with her acting as my host professor. When she retired and Prof Matsuda took up managerial duties at AIST, my links with Japan gradually became weaker, and after several years even the 'compulsory' New Year cards ceased to appear in the post box.

I moved to another job in another country and my memories about the life in Tsukuba remained pleasant but became less vivid and a bit hazy with time until...

In 2008 the Science Foundation Ireland launched a new scheme offering Irish scientists Short Term Travel Fellowships to initiate collaborations between Irish and foreign research institutions. I learnt about the scheme when I was reading a paper describing a new method of preparation of photonic crystals. These are materials which we study at the Advanced Materials and Surfaces Group in the Tyndall National Institute, Cork where I currently work. In short, the materials exhibit a so-called photonic band-gap which is analogous to the electronic band-gap in semiconductors. They are expected to find applications in wide range of new devices, such as faster computers, more efficient solar cells but they may also improve properties of new paints and be used in pharmacology and medicine.

I have written a short essay entitled "Studying Opals: Nature, Art and Science Intertwined" about this subject for the Canon book "Making Research Visible to the World", published in 2010 (pp. 58-63). When I learnt about the STTF scheme, I did not hesitate and contacted the author

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of the above mentioned paper, which I found so interesting. He happened to be affiliated with a research institution in Tsukuba called NIMS (National Institute for Materials Chemistry). He agreed to share his knowledge and research facilities and act as my host. We wrote a workplan which was approved by SFI and in autumn 2009 I revisited Tsukuba.

Dr Fudouzi was amazed hearing about my past stays in Japan and enquired about them in detail. The next day, he passed me a slip of paper with an email address. „Your former host“ said he barely able to keep from a broad smile.

Prof Matsuda responded immediately, suggesting a meeting at my favourite sushi bar: he still remembered my preferences and the bar was still there! I agreed with pleasure, a bit intrigued because he also promised me „a surprise“.

When I came, 4 persons - he and 3 members of his/our former research group greeted me in a very cordial manner. Suddenly, for one evening we all felt 10 years younger, chatting and giggling and telling each other stories and news about ourselves and all other colleagues who were not capable to attend the unofficial and unexpected reunion.

The only sad news was that my dear Fusasan could not join us due to ill health and I was not allowed to visit her.

We worked with Dr Fudouzi, who gradually became simply Hiroshi together for 4 months and, in the end signed a Memorandum of Understanding. (The scientific community at Tsukuba became less formal than 10 years ago and addressing each other with a foreign researcher by first names is not considered faux pas anymore).

In 2010, I visited NIMS again, then Hiroshi and another colleague came to Ireland. One of our students won an internship with him at NIMS but the stay was unexpectedly and sadly shortened by the earthquake in March 2011.

With time, our collaboration became more focused and stronger as 3 other groups from the Czech Republic, Germany and Russia joined us creating a consortium. I suggested that we could apply for a joint Framework 7 IRSES (International Research Staff Exchange Scheme) grant and, as the initiator was trusted by my colleagues with the role of the coordinator of the proposed project. The title „Photonic Applications of Nanoparticle Assemblies and Systems“ made up a ‘catchy’ acronym PhANTASY and

the strength of the team together with the plans described in our proposal won us the grant.

The 4-year project launched in January 2012. In summer 2013 we plan to organize an international Summer School in Ireland – an undertaking that will require a lot of efforts from all 5 participating organizations. The preparatory work has already begun. Recently, when I met a distinguished colleague, Prof Ariga from NIMS at a conference at Sorocaba (Brazil) where we both gave an invited talks, we agreed to meet and used a time between lectures to discuss the forthcoming work connected with the PhANTASY project.

The work ahead is difficult because research results cannot be predicted or guaranteed, despite the best efforts of the actors involved, but it is also very interesting and intellectually fulfilling. Moreover, I feel very happy that my ‘Japanese links’ have strengthened over the years and led to a higher form of collaboration.

And it would never happen without the Canon Fellowship...

ABOUT THE CANON FOUNDATION IN EUROPE

The objective of the Foundation is the promotion of science, culture, know-how and mutual understanding between Europe and Japan.

The Canon Foundation offers Research Fellowships annually to highly qualified European and Japanese researchers. Candidates should hold a doctorate or at least a Master’s degree. They are eligible during the ten-year period following the successful completion of their Ph.D or MA degree. Extensions to the ten-year rule are possible in principle in case of exceptional circumstances which should be explained

in the application and supporting documents are required. Non-nationals have to have a permanent citizenship in either Europe or Japan.

The European Fellowship holders pursue a period of research in Japan whereas the Japanese Fellows do their research at host institutions in Europe. The Fellowships are awarded for periods of minimum three months and maximum one year.

The application form process is currently being changed so please visit our website at www.canonfoundation.org for the latest details on how to apply.

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The closing date for applications is 15 September each year - for Fellowships starting in the following calendar year.