

Background Information for the German Ambassador concerning the "International Workshop on Information Systems for Social Innovation (ISSI) 2009"

Information and communication technologies constitute the "nerve-system" of modern societies and the key to participating and succeeding in global economies. Businesses, e.g. loyalty programs and medical services with the electronic health record, demand the disclosure of personal data to third parties for being available anywhere at anytime in the globalized economy. But in recent years the weaknesses of the Internet have also become obvious. The side effects of increased surveillance as well as of long term and centralized storage of personal data are not totally understood and the damage resulting from misuse, cheating, theft, viruses and Trojan horses has become significant. Security has become necessity to protect intellectual property and to preserve identity. In Germany, privacy is a constitutional right, and it is the blueprint of many privacy laws outside Germany. The European Commission's E-Commerce Directive and Japan's Personal Information Protection Law acknowledge the crucial role of privacy and security for economic, technical and cultural progress.

The "International Workshop on Information Systems for Social Innovation (ISSI) 2009"¹ is one step in a long lasting cooperation between the National Institute of Informatics (NII), Japan, the University of Freiburg, Germany and now as the new partner the Vienna University of Technology, Austria. The National Institute of Informatics and the Faculty of Applied Sciences of the University of Freiburg have a Memorandum of Understanding (MOU) since 2008 for 4+4 years. This MOU has been established by Professor Müller of the University of Freiburg, who has been also a Visiting Professor at NII since 2008. In terms of this MOU, several exchanges of Japanese and German researchers have already been established concerning the topics of information security and privacy technologies. Professor Sonehara and Professor Echizen give regularly lectures and series of talks in Freiburg. At the moment Doktor Wohlgemuth of the University of Freiburg is a visiting researcher at NII concerning privacy in business processes, especially for eHealth services, and has been funded by the "Deutscher Akademischer Austauschdienst - The German Academic Exchange Service (DAAD)" by means of a postdoc scholarship since September 2009. On the initiative of Professor Müller, the Vienna University of Technology will become a partner of NII in terms of a MOU for research collaborations in information security and privacy. Professor Tjoa of the Vienna University of Technology runs a security research institute and focusses on application domains such as eHealth and compliance. The MOU signing ceremony between Vienna University of Technology and the National Institute of Informatics is going to be held simultaneously to this workshop. Due to the 140th year memorial relation between Austria and Japan, the Austrian delegation with the Austrian Federal President, the Austrian Minister for Science and Research and the Japanese Minister of Education, Culture, Sports, Science and Technology will attend to this signing ceremony and hold a policy dialogue. The venue of the signing ceremony is next to the place of the ISSI workshop.

The ISSI workshop aims at fostering the collaboration between Austria, Germany, and Japan. It takes the cultural and policy differences between these countries into account

¹ <http://www.nii.ac.jp/issi>

and considers the research topics and deployment of information security and privacy technologies concerning these differences and information technology risk management in order to support the acceptance of the social innovations such as eCommerce and eHealth. The President of the National Diet Library, Japan, will present a way to security by mutual understanding. NTT and Hitachi Systems Development Labs will show the challenges from the industry side. Mrs. Pechackova of the European Commission will present the European legal aspects of privacy and protection of personal data in the European Union especially for transfers of personal data to third countries. Professor Mück of Vienna University of Technology will give an insight to information security and privacy issues in the Austrian "patient record" project ELGA. Professor Schneider of the University of Freiburg will give an overview of some research topics under the questions "Security for Society - Is any Technological Possibility a Desirable Solution for Democracy?". Professor Anzai of the Keio University will present the role of an educational institute for global knowledge sharing. Doktor Wiczorek of the "Deutsche Forschungsgemeinschaft (DFG) - German Research Foundation" will present some chances and challenges for international research cooperation with Germany. Austrian, German, and Japanese researchers will present on-going research activities and show their results in the simultaneous exhibition. A panel discussion will give a conclusion of this workshop by a discussion concerning the topic "Harmonizing Technology with Society".

Host

National Institute of Informatics, Japan: <http://www.nii.ac.jp>

Co-Hosts

- Faculty of Applied Sciences of the University of Freiburg, Germany: <http://www.faw.uni-freiburg.de>
(Especially Institute of Computer Science and Social Studies, Department of Telematics, Professor Müller: <http://www.telematik.uni-freiburg.de>)
- Vienna University of Technology, Austria: <http://www.tuwien.ac.at>
(Especially Secure Business Austria Research, Professor Tjoa: <http://www.sba-research.org/team/management/a-min-tjoa/>)