GS Taipei Workshop 2018

Shaping the Future of an Inclusive Digital Society

March 28, 2018

Venue: Ambassador Hotel Taipei

Time	Program
08:30 – 09:00	**Registration**
09:00 – 09:30	**Opening Remarks** **Mei-ling Chen**, Minister, National Development Council, Taiwan **Dennis J. Snower**, President, Kiel Institute for the World Economy; President, Global Solutions Initiative, Germany
09:30 – 10:15	**Keynote Speech I** **Blair Sheppard**, **Global Leader, Strategy and Leadership, PwC, US.** *"The Need for a Comprehensive Rethink of Industries and Policy Implications, Using Education as the Example"*
10:15 – 10:30	**Coffee Break**
10:30 – 11:30	**Invited Speeches** **Owen Larter**, Senior Manager, Global Government Affairs at Microsoft, UK *"Delivering a Fourth Industrial Revolution that Works for All"* **Julie Maupin**, Chief Policy Officer and Director of Social Impact, IOTA Foundation *"Building an Inclusive Digital Society through Smart Data Policy"*
11:30 – 12:00	**Group Discussion** • **Moderator:** **Shin-Horng Chen**, Director of International Division, Chung-Hua Institution for Economic Research (CIER), Taiwan • **Panelists:** **Owen Larter**, Senior Manager, Global Government Affairs at Microsoft, UK **Julie Maupin**, Chief Policy Officer and Director of Social Impact, IOTA Foundation **Blair Sheppard**, **Global Leader, Strategy and Leadership, PwC, US.**

12:00 – 13:30	**Lunch and Networking**
13:30 – 14:15	**Keynote Speech II** **Stefan Lorenz Sorgner**, Professor of Philosophy, John Cabot University, Italy *"Human Flourishing, the Internet Panopticon and (Genetic) Privacy"*
14:15 – 15:30	**Session I** **Using Big Data to Support Economic and Societal Development** • **Moderator:** **Dennis Görlich,** Senior Researcher and Head of Global Challenge Center, Kiel Institute for the World Economy, Germany • **Panelists:** **Chien-Chih Liu,** Secretary-General, Asia IOT Alliance, Taiwan **Thomas Losse-Müller**, Senior Fellow, Hertie School of Governance, Germany **Reuben Ng**, Assistant Professor, Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore **Ethan Tu**, Founder, Taiwan AI Labs, Taiwan
15:30 – 15:45	**Coffee Break**
15:45 – 17:00	**Session II** **Advancing City Development for Human Well-being in the Digital Age** • **Moderator:** **Thomas Losse-Müller**, Senior Fellow, Hertie School of Governance, Germany • **Panelists:** **Jong-Sung Hwang,** Lead Researcher, National Information Society Agency, Korea. **King Wang Poon,** Director, Lee Kuan Yew Centre for Innovative Cities, Singapore University of Technology and Design, Singapore **Julia Suh,** Founder, Urban Toolbox and Small Shift, Australia **Dirk Wittowsky**, Head, Research Area Mobility, Research Institute for Regional and Urban Development, Germany
17:00 – 17:15	**Closing Remarks** **Chung-Su Wu**, President, Chung-Hua Institution for Economic Research (CIER), Taiwan **Dennis J. Snower**, President, Kiel Institute for the World Economy; President, Global Solutions Initiative, Germany

GS Taipei Workshop 2018

"Shaping the Future of an Inclusive Digital Society"

The GS Taipei Workshop 2018 with "Shaping the Future of an Inclusive Digital Society" as its overarching theme is going to take place at the Ambassador Hotel on March 28, 2018 in Taipei. It will be co-organized by Chung-Hua Institute for Economic Research (CIER) and the Kiel Institute for the World Economy.

The Workshop 2018 is expected to be built upon the Workshop 2017 "Addressing Challenges and Seizing Opportunities in the Digital Economy" (http://www.global-economic-symposium.org/conferences-2017/ges-taipei-workshop). While the Workshop 2017 aimed at identifying general challenges and opportunities that new digital technologies may create, the Workshop this year has a more human-centered focus, aiming at exploring adequate, human-centered, solutions to deal with opportunities and risks to be faced by individuals, firms, governments and other organizations while shaping the future of an inclusive digital society.

The GS Taipei Workshop 2018 is expected to bring together experts from academia, business, politics and the civil society from different countries to join the discussions and provide their valuable insights and innovative ideas. Potential solution proposals are expected to be derived from the speeches, addresses and session discussions scheduled.

Session Descriptions

Session 1: Using Big Data to Support Economic and Societal Development

With more advanced equipment and technologies in the digital age, complex and voluminous data sets, so-called big data, can be more and more efficiently created, captured, transferred, analyzed and applied. This has made big data and its applications gradually become the potential core driver of the economic and societal development in the new age.

Firms expect that they can collect, use and analyze big data to optimize their provision of (innovative) products and services; academics wish to analyze big data to advance their research, aiming for more relevant contributions in science and technology development as well as in policy design and implementation. Many governments have strongly promoted the

development and application of "Open Data" and "Open API (Application Programming Interface)" and expect that related data including those data that the governments possess can be legally and efficiently used and analyzed to help increase the transparency and efficiency of public governance to support the development of a more inclusive society.

Despite the great technological advances, many problems and challenges in collecting, using and analyzing big data still exist that leave the potential benefits of the use of big data for the economic and societal development not yet sufficiently realized. As regards capturing and collecting big data, it is crucial to explore ways to ensure that data owners', e.g., consumers', rights can be adequately respected so that their privacy concerns can be reduced. Will digitalization in different business activities, for example, in characterizing customer behavior to further enhance customer satisfaction be rather implemented at the cost of those who are – both financially and technically – less capable of using digital tools? Will the market power of large companies and large platform operators be inappropriately further strengthened, since they may possess more resources and stronger capabilities of dealing big data related challenges than others? Some large-scale datasets such as those related to labor market, education, health care and energy etc., may have been exclusively available to governments. How to open these datasets for being used outside the governments for legal purposes in an effective but also careful way to ensure that individuals' rights would not be sacrificed? Less but not least, how to deal with individual and public privacy concerns related to, for example, cross-country data storage and transfer in the highly globalized world nowadays?

Session 2: Advancing City Development for Human Well-being in the Digital Age

Cities generally provide more and better business and working opportunities and services than rural areas. More than half of the economic activities worldwide are carried out in cities nowadays. The urbanization phenomenon has been further intensified over time, with more and more people moving from rural to urban areas. Against this background, cities have been gradually facing many new challenges. In the digital age, governments expect that new

advanced digital technologies may help deal with these challenges to build a living and working environment of higher quality for citizens and to create better conditions for sustainable city development in the long run.

Cities play an important role in the digital transformation of economies and societies. They are the best "Living Labs" where digital experiments can be implemented to solve real-world problems which cities are confronted with. While discussing city development, there is a new trend emphasizing particularly the core relevance of humankind for the design and implementation of policy measures in cities. Building up a new smart city has its own challenge. But how to solve problems faced by old cities and to ensure a more balanced regional as well as urban-rural development at the same time by applying new advanced digital technologies are considered to be even more critical.

This session will focus on some selected key challenges that cities have been facing. For example, how to apply new digital technologies to solve the most urgent public infrastructure and resource allocation problems with respect to governments' budget constraints? How to make use of opportunities provided by new digital tools to encourage individuals' behavior change for a sustainable and inclusive city development in the future? How to involve all stakeholders such as individuals, academics, businesses and different levels of governments in cities' digital transformation? How to deal with income and resource inequality problems to enable all urban residents to benefit from the digital transformation of cities? How to avoid resource concentration in cities that may further enlarge the digital divide between cities and rural areas during cities' digitalization attempts?