Innovation workshop
The use of big data in health
Berlin, Germany, 27-28 January 2020

PROVISIONAL PROGRAMME

Day 1, 27 January 2020

08:30–09:00   **Registration of participants**

09:00−09:20	**Welcome and opening** *Doris Pfeiffer* President National Association of Statutory Health Insurance Funds (GKV-Spitzenverband) Germany *Marcelo Abi-Ramia Caetano* Secretary General, International Social Security Association (ISSA) Geneva

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09:20−10:40	**Session 1: Introduction** *This introduction will provide an overview of the strategic importance of Big data for social security and in health in particular. It will present the main drivers for using big data, the potential this technology holds, as well as the main challenges and concerns, setting the scene for the following presentations and discussions.* Moderation: *Marcelo Abi-Ramia Caetano,* Secretary General, ISSA
09:20–09:50	**Big data and public health** *Dr Gottfried Ludewig* Head, Department for Digitalization of health care Federal Ministry for Health Germany
09:50–10:20	**Digitization of the health sector** *Prof. Dr. Heyo Kroemer* President of the Board, Charité-University Medical Center Germany
10:20−10:50	**Health for the 21st Century / Institutional readiness** *Martin Wenzl* Health Policy Analyst Organisation for Economic Co-operation and Development

10:50–11:10   Coffee break

11:10−12:40	**Session 2: Big data infrastructure and collection**
	This session will address the main enablers to allow for collection, storage and analysis of data, be it on a policy, organizational or technical level
	Moderation: *Marcelo Abi-Ramia Caetano,* Secretary General, ISSA
11:10−11:40	**Establishing a nationwide health data infrastructure and putting data into use: case Finland**
	Konstantin Hyppönen, Kanta Services Finland
11:40−12:10	**Current infrastructure and big data projects**
	National Health Insurance Fund (CNAM) France
12:10−12:40	**Data Transparency**
	GKV-Spitzenverband, Germany

12:45-14:00   Lunch

14:00 – 15:00	**Session 4: Ethical considerations and patient empowerment**
	Which fundamental rights of data subjects must be protected? What is the impact of big data on traditional research ethics safeguards such as informed consent, risk-benefit assessment and de-identification? How can data-driven discrimination be avoided? Is there an obligation to donate data?
	Moderation: *Jens Schremmer,* Head, ISSA
14:00−14:30	**Ethics and data protection**
	Marcello Ienca Health Ethics & Policy Lab, Department of Health Sciences & Technology Swiss Federal Institute of Technology Switzerland
14:30−15:00	**Electronic health records**
	National Health Insurance Service, Republic of Korea

15:00–15:20   Coffee break

15:20−16:30	**Session 4: Main areas of use of big data** *This series of presentations will look at how big data is currently used by health related institutions, be it to improve service quality, ensure better health care and public health, or lower health costs and therefore enhance the efficiency of health systems. The presentations will be followed by discussions on the potential of this technology and how the solutions could be enhanced and replicated in other organizations.* Moderation: *Jens Schremmer,* Head, ISSA
15:20−15:50	**Strengthening health care** *Prof. Dr. Thomas Mansky* Head, Department for Structural Advancement and Quality Management in Health Care, Technical University of Berlin
15:50 – 16:20	**Experiences from Austria** *Volker Schörghofer,* Deputy Director General Federation of Austrian Social Insurance Institutions Austria

16:20−16:30	**Wrap-up of the day**

17:30- 19:30	**Evening program:** *visit the Bundestag and Meeting with Erwin Rüddel, Member of the Parliament and Chairmen of the Health Committee*
19:30 – 22:30	**Evening program:** *Networking Dinner at HABEL am Reichstag*

Day 2, 28 January 2020

09:00–09:10	**Retrospective of Day 1**

09:10−10:10	**Session 4: Main areas of use of big data (continued)** Moderation: *Philippe Girard,* Regional coordinator, ISSA
09:10−09:40	**Drug surveillance** National Health Insurance Fund (CNAM) France
09:40−10:10	**Big data for prevention** *Silvia Amatucci,* Senior Actuary National Institute for Insurance against Accidents at Work (INAIL) Italy

10:10–10:40	**New Developments and future opportunities** *Dr Julianne Williams* Technical Officer World Health Organization
10:40–11:10	**Artificial Intelligence** – To be confirmed

11:10–11:30   *Coffee break*

11:30–12:40	**Group activity: New opportunities of new technologies:** *What are the new opportunities brought by these new technologies? How could institutions best take advantage of these and make the most of their potential?*
11:30–12:10	Group brainstorming *Topics:* *- In what other areas of health and health insurance could Big data be used?* *- What are the opportunities offered by Big Data* *- What are the challenges and how to overcome them?* *5 min introduction –explanation, forming of 3 groups* *30 min brainstorming*
12:10–12:40	Presentation of groups *5 min presentation by each group* *Discussion* *10 min summary/wrap-up by moderator*

12:40–13:00   **Summary and wrap-up**