The digital transformation, happening in all aspects of human life, as well as innovation, driven by enabling technologies such as robotics, artificial intelligence and many more, represent significant change – from a technological but also societal perspective. In anticipation of the continued progress, this will provide our societies with tremendous opportunities (smart cities, smart homes, smart care etc.). At the same time, it will bring challenges, as well as risks such as privacy and security issues.

Focus of the RUB International Science Days 2018 will be on the digital transformation and its implications for science and society between Germany and Japan and, in particular, the role and responsibility of universities that are attributed to them in the process of the digital transformation. A comparison of the strategies and concepts and society between Germany and Japan and, in particular, the role and responsibility of universities that are attributed to them in the process of the digital transformation, promises to provide valuable insight, especially through an inter-, transdisciplinary and international dialogue.

RUB AND DIGITAL TRANSFORMATION

For RUB, the topic of “Digital Transformation in Economics and Society” is among the central interdisciplinary and transdisciplinary networking fields in research, teaching and transfer. Competencies are combined and networked, in particular in the areas of IT security and privacy, Industry 4.0, Work 4.0 as well as cognitive computer science. The Center for Advanced Security Research (HGI) was founded at RUB in 2003 and covers nearly all aspects of IT security, from basic research in cryptography to internet security for the Internet of Things, visibility and data protection. It is the largest of its kind in Europe. Likewise, numerous young companies in the area clusters will be created around the topics of IT security and privacy as well as neuroscience and cognition science.

PROGRAMME OF THE RUB JAPAN SCIENCE DAYS 2018

THURSDAY, 5 JULY 2018

13:00 – 14:00 REGISTRATION
14:10 – 14:30 ADDRESS OF WELCOME
15:00 – 16:00 KEYNOTE LECTURES I & II
16:00 – 18:00 TEA/BREAK
18:30 – 20:30 PANEL DISCUSSION

FRIDAY, 6 JULY 2018

09:00 – 15.00 PARALLEL GROUP SESSIONS
09:00 – 13:00 KEYNOTE LECTURES III & IV
13:00 – 15.00 PRESIDENTS’ MEETING
15:00 – 16:00 PARALLEL GROUP SESSIONS
16:00 – 16:30 TEA/COFFEE BREAK
16:30 – 17:30 KEYNOTE LECTURES III & IV
17:30 – 18:00 TEA/BREAK
18:30 – 22:30 DINNER

SATURDAY, 7 JULY 2017

09:00 – 16:00 CULTURAL EXCURSION
09:00 – 15.00 PARALLEL GROUP SESSIONS
15:00 – 16:00 PANEL DISCUSSION
16:30 – 17:30 KEYNOTE LECTURES V & VI
17:30 – 18:00 TEA/COFFEE BREAK
18:00 – 21:00 CULTURAL EXCURSION

CONFERENCE PARTICIPATION

Please kindly note that participation is by invitation only.

For further information or questions regarding registration, please contact:

RUB INTERNATIONAL OFFICE
International Office
Universitätsplatz 220
D-44801 Bochum, Germany

phone: +49 (0)234-32-20243

CONFERENCE LANGUAGE

English