

# - RIEC International Symposium - Symposium of Yotta Informatics Research Platform for Yotta-Scale Data Science 2021

**Date**

**March 23 (Wed) - 24(Thu), 2021**

**Venue**

**Online (Zoom)**

**Website**

<http://www.aiyotta.tohoku.ac.jp/sympo2021>



**Registration**

Please register using the online form  
<https://forms.gle/rmRmNYSVwHCcRQjy7>



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# Program

## 3/23(Wed)

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**Opening Remark** 15:00 – 15:10

### Invited Speaker

15:10-16:10 Seiichi Uchida (Kyushu University) "Playing with Visible Texts around Us"

### Progress Reports Part 1

16:15-16:45 Akinori Ito (Tohoku University), "Spoken Term Detection from Zero-resource Languages"

16:45-17:15 Tetsuo Endoh (Tohoku University), "Nonvolatile AI Processors Based on CMOS/MTJ Hybrid Technology for Ultra Low-Power IoT/AI Systems"

17:15-17:45 Yoichiro Tanaka (Tohoku University), "Computational storage platform for brain neural structure visualization analytics"

17:55-18:25 Yoshiyuki Sato and Satoshi Shioiri (Tohoku University), "Exploring the determinant features of human subjective judgments for food images using deep learning models"

18:25-18:55 Kenichiro Tsutsui (Tohoku University), "Top-down and bottom-up control processes in the brain: insights from behavioral neurophysiology and computational modeling"

### Invited Speaker

19:00-20:00 Simon Ellwood and Giuliano Gaeta (Givaudan) , "Sleep & Odour - EEG and beyond"

## 3/24(Thu)

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### Invited Speakers

14:30-15:30 Isao Echizen (National Institute of Informatics), "Real or Fake? The Future of Media Security and Privacy"

15:35-16:35 Takeshi Obayashi (Tohoku University), "Cross-Linguistic Similarity of the Names of an Animal Species Reflects Its Habitat"

### Progress Reports Part 2

16:45-17:15 Yoshitaka Kanomata (Tohoku University), "Archaeological researches using X-ray CT and digital measurement methods"

17:15-17:45 Taira Nakajima, Yasuhiro Hatori, Katsumi Sato, and Shinichi Watabe (Tohoku University), "Development of a Reflection System Using Image Analysis Data for Classroom Improvement"

17:50-18:20 Shinichiro Omachi (Tohoku University), "Extraction of important text information from images"

18:20-18:50 Yasumasa Matsuda (Tohoku University), "Dynamic panel analysis of subjective well-being in the COVID-19 outbreak in Japan"

### Invited Speaker

19:00-20:00 Yuan Gao (University of East Anglia), "Disruptive innovation in Artificial Intelligence Start-up Firms"