

2022 IEEE International Conference on Big Data

Workshop Title: New Strands of Usage of Big Data in Medical Systems, Market and Institutional Design, and Economic Theory

International Conference

Date: 17-20 December, 2022

Venue: Osaka, Japan

<http://bigdataieee.org/BigData2022/>

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1. Workshop Style: hybrid (onsite and online), one-day

2. Introduction to the Workshop: background, purpose, interests

The purpose of this workshop is to discuss how large-scale data can be used in medical practice, corporate management, and public systems and to quantitatively understand what kinds of effect it has and what are obstacles to promoting its use in those fields. The mandatory initial clinical training that started in 2004, for instance has changed the medical care and education in Japan. Since Japanese systems are fundamentally different from the American medical systems, the data usage developed in the U.S. does not work in the same way. The goal of this workshop is to explore the utilization of large-scale data and the design of mechanisms and institutions in consideration of such social or cultural backgrounds across disciplines.

3. Research Topics: medical systems, market and institutional design, experimental and empirical data, economic theory, interdisciplinary social sciences

4. Important dates:

Sep. 15 (Thu), 2022: Due Date for Full Workshop Papers Submission (US-EST)

Oct. 20 (Thu), 2022: Notification of Paper Acceptance to Authors (US-EST)

Nov. 20 (Sun), 2022: Camera-Ready of Accepted Papers (US-EST)

Dec. 19 (Mon), 2022: Workshop (Expected, JST)

5. Program Chairs

Naoki Watanabe; Ph.D. (Economics), institutional design, chair

Rei Goto; Ph.D. (Economics) and M.D., physician, co-chair

Morimitsu Kurino; Ph.D. (Economics), mechanism design, co-chair

6. Program Committee Members

Naoki Watanabe (Keio University, Business Administration)

Rei Goto (Keio University, Business Administration and Health Management)

Morimitsu Kurino (Keio University, Economics)

Kazuhiro Ogawa (Kansai University, Sociology)

Taro Kumano (Yokohama National University, International Social Sciences)

7. Paper Submission:

Submission Starts on June 15 (Wed). Every Paper is limited to 8 pages in the IEEE double column format, including the bibliography and appendices. The extra page fee is 100 USD per page. Papers with more than 10 pages will be rejected without review. The templates (tex, docx) are available at

<https://www.ieee.org/conferences/publishing/templates.html>

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Accepted papers will be published in the Proceedings volume in the IEEE Xplore Digital Library. Those papers should not be submitted to other journals, conferences, and workshops. Extra page fee will be charged for papers with more than 8 pages in the publication.

(the site for on-line paper submission, including other Workshops, choose no.13)

https://wi-lab.com/cyberchair/2022/bigdata22/scripts/ws_submit.php?subarea=S

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8. Correspondence:

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