

## RIKEN Hackathon Open Symposium

Date and time : February 17(Mon), 2020 12:00-17:00 (11:30)

Venue : Auditorium, 1F Developmental Biology Building C, RIKEN Kobe  
2-2-3 Minatojima-minamimachi, Chuo-ku, Kobe 650-0047, Japan

Organization : • Data Knowledge Organization Unit and Data Management System Unit,  
R&D Group, Head Office for Information Systems and Cybersecurity, RIKEN  
• RIKEN Open Life Science Platform  
• RIKEN Engineering Network "Development of Imaging Network"

Participation fee : free of charge

Language: English and Japanese

Registration : register in advance at the following site

<https://rikenhackathon2019.peatix.com>

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Research data management policies and utilization strategies vary greatly depending on research fields. In order to accelerate research by accumulating, analyzing and distributing research data, it is necessary to build and operate an information infrastructure including the development of metadata by considering these differences in research fields. RIKEN symposium will be held to discuss what integrated strategies, infrastructure and technologies are needed to maximize the use of various research data by various participating researchers who are involved in data production, accumulation and analysis at the forefront of research sites.

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### [Contact Information]

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### [Deal with personal information]

The personal information provided by participants will only be used for this symposium.

12:00	Opening Remarks Michihiko Minoh (RIKEN)	en
12:10	Invited Lecture 1 Chair: Issaku Yamada (Noguchi Institute) Evan Bolton (National Center for Biotechnology Information) <b>Practice of Large Science Data Collection and Data Utilization Learned from NCBI PubChem</b>	en
13:00	Invited Lecture 2 Chair: Shuichi Onami (RIKEN Center for Biosystems Dynamics Research) Jason R. Swedlow (University of Dundee) <b>OME's Bio-Formats, OMERO and IDR: Making BioImage Data FAIR on a Global Scale</b>	en
13:40	Invited Lecture 3 Chair: Hiroshi Masuya (RIKEN BioResource Research Center) Josh Moore (University of Dundee) <b>Building bridges - linked open data in the Open Microscopy Environment</b>	en
14:00	Break	
14:20	Invited Lecture 4 Chair: Hideo Yokota (RIKEN Center for Advanced Photonics) Toshiyuki Takatsuji (National Institute of Advanced Industrial Science and Technology) <b>Standardization and Data Utilization of X-ray CT Imaging</b>	en
Session 1. Introduction of RIKEN Research Projects		ja
15:10	Hideo Yokota (RIKEN Center for Advanced Photonics) <b>RIKEN Engineering Network "Development of Imaging Network"</b>	
15:30	Shuichi Onami (RIKEN Center for Biosystems Dynamics Research) <b>RIKEN Open Life Science Platform</b>	
Session 2. Research Topic Introduction by Hackathon Participants		en ja
15:50	Tarcisio Mendes De Farias (Swiss Institute of Bioinformatics and University of Lausanne) <b>Integrating Orthology and Gene Expression Data: The Case of OMA and Bgee Databases</b>	
16:05	Yasunori Yamamoto (Database Center for Life Science) Making Life Science Data More Usable	
16:20	Atsushi Fukushima (RIKEN Center for Sustainable Resource Science) <b>RIKEN Plant Metabolome MetaDatabase: An Open-Access Repository for Plant Metabolomics Studies and Structured Metadata</b>	
16:35	Takeya Kasukawa (RIKEN Center for Integrative Medical Sciences) <b>Data coordination for large-scale transcriptome data production in FANTOM and single-cell projects</b>	
16:55	Closing Remarks Shuichi Onami (RIKEN Center for Biosystems Dynamics Research)	en

en English session

ja Japanese session