

FY2023 RIKEN Hackathon Open Symposium

Date and Time : October 24, 2023 13:00~17:20 (12:30 Doors open)

Venue : Kobe Campus Integrated Innovation Building, 8th Floor Auditorium
Hybrid event with online

Organization : RIKEN Information R&D and Strategy Headquarters (R-IH)
Infrastructure Research and Development Division

Participation fee : Free

Registration : Please apply in advance for participation at the following website.
https://krs2.riken.jp/m/hackathon_r5

In RIKEN, we are promoting research digital transformation (research DX) and open science to facilitate effective research acceleration across research fields and the societal dissemination of research outputs and outcomes. Among these endeavors, the effective utilization of reliable and high-quality data has emerged as a significant challenge.

This symposium aims to feature presentations from researchers who are at the forefront of data collection, analysis, and utilization, regardless of their specific research domains. Furthermore, we plan to engage in discussions about the current state and the future prospects of research data utilization for the acquisition of new knowledge.

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13:00	Opening speech Michihiko Minoh (RIKEN Information R&D and Strategy Headquarters)
Session 1 Keynote Speech 1	
13:10	Title: Knowledge Representation: the role of semantics in scientific research Speaker: Ana-Claudia Sima (SIB Swiss Institute of Bioinformatics)
Session 2 Data Contents Session	
13:40	Title: What we have through the process of integrating RDF dataset Speaker: Yasunori Yamamoto (Database Center for Life Science)
14:00	Title: Development of an integrated data platform for understanding transcriptional regulation. Speaker: Takeya Kasukawa (RIKEN Center for Integrative Medical Sciences)
Session 3 Keynote Speech 2	
14:20	Title: Academic Data Management Strategies required in Japan - From domestic perspective to international interoperability – Speaker: Kazutsuna Yamaji (National Institute of Informatics Research Center for Open Science and Data Platform)
14:50	Break (10 minutes)

Session 4 Data Management Session	
15:00	Title: What is a useful research data distribution and management system for researchers? A standpoint of university-wide equipment sharing Speaker: Hiroshi Furutani (Osaka University Core Facility Center)
15:20	Title: Features of R2DMS and its usage including new features Speaker: Hideyuki Jitsumoto (RIKEN Information R&D and Strategy Headquarters)
Session 5 Introduction of data utilization/application examples	
15:40	Title: Multi-omics study toward development of digital twins in agriculture Speaker: Yasunori Ichihashi (RIKEN BioResource Research Center)
16:00	Title: Prediction science for environmental and material data science Speaker: Jun Kikuchi (RIKEN Center for Sustainable Resource Science)
16:20	Title: Designing a Semantic-Enhanced Hybrid Search Engine for Biomedical Events Speaker: Rangel Reyes Julio Cesar (RIKEN Information R&D and Strategy Headquarters)
16:40	General discussion
Session 6 Introduction of hackathon participants	
16:50	Team Representatives
17:15	Summary/Closing Remarks Norio Kobayashi (RIKEN Information R&D and Strategy Headquarters)
17:20	Close

[Contact information]

RIKEN, Information R&D and Strategy Headquarters,
Infrastructure Research and Development Division, Data Knowledge Organization Unit
isc-dko-secretary [at] ml.riken.jp (Please replace [at] for @.)

[Registration for Participation]

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If the number of applications reaches the capacity, applications will be closed.

[Regarding handling of personal information]

The personal information you provide will be used only for the purpose of operating and managing the RIKEN Hackathon. We will also take necessary security measures and strictly manage your information.