

The All-RIKEN Workshop 2018 / 30

Friday 14 December 2018 - Friday 14 December 2018

Wako Branch

Scientific Programme

Special Postdoctoral Researcher
Laboratory for Chromosome Segregation, BDR

5. Dilemma of microscopy facility manager
"RIKEN BAIHO Awards"
(Language: Japanese)
Dr. Kiminori Toyooka
Senior Technical Scientist
Technology Platform Division, Mass Spectrometry and Microscopy Unit, CSRS

6. Development of technologies for effective reproduction in mice
"RIKEN Technology Incentive Awards"
(Language: Japanese)
Ms. Ayumi Hasegawa
Technical Staff II
Bioresource Engineering Division, BRC

7. Evidence for Majorana modes in topological Josephson junctions
"RIKEN Research Incentive Awards"
Dr. Russell Stewart Deacon
Senior Research Scientist
Quantum Effect Device Research Team, CEMS

8. Cryo-electron microscopy of a large variety of macromolecular assemblies
"RIKEN Research Incentive Awards"
Dr. Takeshi Yokoyama
Research Scientist
Laboratory for Protein Functional and Structural Biology, BDR

About the Scientists' Assembly Steering Committee (SASC)

Dr. Yuichiro Kato (Chair of SASC, Chief Scientist of Nanoscale Quantum Photonics Laboratory, CPR)
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Web Page of SASC:
[<http://sasc.intra.riken.jp/sasc/sa/>][1]

[1]: <http://sasc.intra.riken.jp/sasc/sa/>

Invited Talks

1. **Dr. Tetsuo Hatsuda** (Director of RIKEN Interdisciplinary Theoretical and Mathematical Sciences Program)
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Web Page of i-THEMS:

****Dr. Kohei Tamao**** (RIKEN Honorary Science Advisor, President of Toyota Physical and Chemical Research Institute)

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****Web Page:****

[<https://www.toyotariken.jp/info?id=syotyoyo>][1]

[1]: <https://www.toyotariken.jp/info?id=syotyoyo>

V.S.O.P.s□□□□□□

"FY2016 Research Reporting Session for Incentive Research Grants"

1.Static and optical magnetoelectric effects in the ferrotoroidic LiTMPO4 (TM= transition metal) orthophosphates

****Dr. Vilmos Kocsis****

Postdoctoral researcher

Strong Correlation Materials Research Group, CEMS

2.Generation of a strong 'water window' soft X ray source for high contrast biological imaging

****Dr. Yuxi Fu****

Research Scientist

Attosecond Science Research Team, RAP

3.Spin to charge inter-conversion via mechanical vibrations and light

****Dr. Jorge Puebla****

Postdoctoral researcher

Quantum Nano-scale Magnetism Research Team, CEMS

"Discovery Evening"

4.Neuronal reprogramming of human dedifferentiated cells from mature adipocytes: Generation of clinically available autologous neurons

****Dr. Rei Nakano**□□□ □□**

Special Postdoctoral Researcher

Laboratory for Cellular Function Conversion Technology, IMS

5.G-quadruplex-Functionalized Gold Nanoparticles, A New Door for Cancer Drugs Detection

****Ms. Surachada Chuaychob****

International Program Associate

Bioengineering Laboratory, CPR

6.Site-specific peptides capturing (SPEC) system to regulate enzymatic activities

****Ms. Shoko Harada**□□□ □□□**

Junior Research Associate

Laboratory for Synthetic Biology, BDR

7.Pairwise Efficiency: a new mathematical method to improve your qPCR results

****Mrs. Yulia Panina****

International Program Associate

Laboratory for Comprehensive Bioimaging, BDR

8.Finding 3D biological shapes for a small number of XFEL diffraction patterns

****Dr.**

Sandhya

Premnath

Tiwari**

Special Postdoctoral Researcher
Computational Structural Biology Research Team, R-CCS

"General (Researcher)"
9.Simulation study of single particle analysis for large biomolecule by X-ray free electron laser experiment
Dr. Miki Nakano□□□ □□□
Postdoctoral Researcher
Computational Structural Biology Research Team, R-CCS

10.Why do we have to age and die? An approach via life-long and video-rate recording of C. elegans behaviors
Dr. Yukinobu Arata□□□ □□□
Senior Research Scientist
Cellular Informatics Laboratory, CPR

11.A chemical method to map oxidatively damaged DNA bases and its potential use in multimodal cell analysis
Dr. Fumiko Kawasaki□□□ □□□
Research Scientist
Goal-Oriented Technology Research Group,Media Image Analysis Team, AIP

12.Sub-nanometer Resolution Near-Field Scanning Optical Microscopy in Ambient
Dr. Maria Vanessa Balois
Postdoctoral researcher
Innovative Photon Manipulation Research Team, RAP

13.Biosynthesis of bacterial bioplastics and its biocompatibility in human mesenchymal stem cells
Dr. Lakshmanan Kumar Manoj
Visiting Scientist
Bioplastic Research Team, CSRS
(School of Biological Sciences, Universiti Sains Malaysia)

"General (Clerical Staff)"
14.A study of an internship program: The case of RIKEN Center for Advanced Intelligence Project
Ms. Ikuko Tsumura□□□ □□□
Research Administrator
Office of the Center Director, AIP

15.RIKEN crowdfunding system (Language: Japanese)
Mr. Yoshiyuki Nemoto□□□ □□□
Manager
External Funds Office, Headquarters

Poster Presentations□□□□□□□□

61 Posters.
You can get the this workshop programs in this web site.

The 17th Interdisciplinary Exchange Evening□□17□ □□□□□□□□

****Free food and drinks**** (sponsored by RIKEN Mutual Benefit Society)

Live Performance by CPR Band