

MRI Collaborator's Workshop 2022-2 Autumn Timetable

November 26, 2022. From 13:00 to 17:30 (Japan). Online.

<https://us02web.zoom.us/j/81257256217?pwd=bUtRTkdONTVIUFJJdTdLa2xwT29MZz09>

Studio for Presenters: MIRAikan 7F (Neptune), The National Museum of Emerging Science and Innovation, Tokyo

Supported by: Research MRI Platform, Japan

Opening remarks: Ichio Aoki, Ph.D. (QST) 13:00-13:10

Workshop 1: Advanced Contrast Agents 1, 13:10-14:40

1. Invited Lecture: Amnon Bar-Shir, Ph.D. (Weizmann Institute of Science, Israel) 30 min (+15 min for discussion)

Co-chair: Kensuke Osada, Yutaka Miura

Commentator: Rumiana Bakalova, Kazuaki Rikiyama

2. Invited Lecture: Goran Angelovski, Ph.D. (Chinese Academy of Sciences) 30 min (+15 min for discussion) Paramagnetic Bioresponsive MRI Probes for Functional Neuroimaging.

Co-chair: Satoshi Okada, Akira Sumiyoshi

Commentator: Andrew Croft, Ichio Aoki

Photo and coffee break, 20 min.

Reports from QST and research project in Japan: 15:00-15:45

- Redox Imaging and Quantum Sensor, Rumiana Bakalova, Ph.D. (QST) 15 min
- Introduction of Research MRI Platform, Japan 5-10 min
- Introduction of Cancer Architectonics Project in Japan, Mitsunobu R Kano, MD, Ph.D. (Okayama University) 20 min

Workshop 2: Advanced Contrast Agents 2, 15:45-17:15

3. Invited Lecture: Baldelli Bombelli Francesca, Ph.D. (Politecnico di Milano, Italy) 30 min (+15 min for discussion). Branched Superfluorinated Derivatives as Sensitive Probes for ¹⁹F-MRI.

Co-chair: Nobuhiko Iki, Kazuya Kikuchi

Commentator: Kensuke Osada, Kazuaki Rikiyama

4. Invited Lecture: Peter Harvey, Ph.D. (University of Nottingham) 30 min (+15 min for discussion) MRI contrast agent approaches for neuroscience.

Co-chair: Koichi Shiraishi, Rumiana Bakalova

Commentator: Satoshi Okada, Andrew Croft

Closing remarks: Kazuya Kikuchi, Ph.D. (Osaka Univ.) 17:15-17:30

Off-line Discussion: 17:30-19:00

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