

Program

September 11 (Sat.) , 2021

8:55 - 9:00 Opening Remarks
Masaaki Hori (Department of Radiology, Toho University Omori Medical Center)

9:00 - 10:40 Joint Session with ASMRM
Moderator: Shigeki Aoki (Department of Radiology, Juntendo University)
Kei Yamada (Department of Radiology,
Kyoto Prefectural University of Medicine)

“Radiogenomics of Glioblastoma: Finding the Treatment Strategy”
Sandy, Cheng-Yu Chen (Taipei Medical University)

“Image Classification and Label Inhomogeneity”
Yasuhiko Tachibana (National Institutes for Quantum and Radiological Science
and Technology : QST)

“Perfusion MRI Analysis of Gliomas: Deep Learning Approach”
Kyu Sung Choi (Department of Radiology, Seoul National University Hospital)

“Radiomics in head & neck MRI: normalization, repeatability & reproducibility”
Matthew Lun Wong (Department of Imaging and Interventional Radiology,
The Chinese University of Hong Kong)

“Frontiers in Psychoradiology”
Qiyong Gong (Huaxi MR Research Center : HMRRC, Section of Neuroradiology,
Department of Radiology, West China Hospital of Sichuan University)

10:45 - 11:45 Seminar 1
Moderator: Osamu Abe (Department of Radiology, Graduate School of Medicine,
The University of Tokyo)

“Microstructural imaging using diffusion MRI: Exploring the power of ultra-strong gradient fields”
Jelle Verraart (Department of Radiology,
NYU Grossman School of Medicine)



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11:45 - 13:15 Break

13:15 - 14:15 Seminar 2

Moderator: Masaki Fukunaga (Division of Cerebral Integration,
National Institute for Physiological Sciences)
Christina Andica (Department of Radiology,
Juntendo University Graduate School of Medicine)

“Neuroimaging and A.I.

- What do we need, what is out there, how can we do better?”

Julien Cohen-Adad (Department of Electrical Engineering,
Institute of Biomedical Engineering,
Ecole Polytechnique de Montreal)



“Imaging myelin and iron in the brain and deep designed RF”

Jongho Lee (Laboratory for Imaging Science and Technology,
Department of Electrical and Computer Engineering,
Seoul National University)



14:15 - 14:30 Short Break

14:30 - 15:15 Oral Presentations

Moderator: Masahiro Kobayashi (Department of Radiology,
Toho University Omori Medical Center)

“Reproducibility of 3D MR Fingerprinting with Different Dictionary Resolution in the Healthy Human Brain”

Krishna Pandu Wicaksono (Department of Diagnostic Imaging and Nuclear Medicine,
Kyoto University Graduate School of Medicine)

“Quantitative Evaluation of Sequential Brain PET/MRI at 3T using a Mobile PET Scanner”

Satoshi Nakajima (Department of Diagnostic Imaging and Nuclear Medicine,
Kyoto University Graduate School of Medicine)

“MPPCA denoising of coil data improves robustness of microscopic anisotropy estimation with DDE”

Kouhei Kamiya (Department of Radiology, Toho University)

15:15 - 16:15 Seminar 3

Moderator: Masaaki Hori (Department of Radiology,
Toho University Omori Medical Center)

“Can we achieve a new era of CEST imaging?

- Basic mechanisms and evidence based clinical use, and beyond -”

Masaya Takahashi (Department of Radiology, Juntendo University)

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16:15 - 16:30 Short Break

16:30 - 17:10 Seiji Ogawa Prize Award Ceremony and Honorary Lecture

Moderator: Yasuo Takehara (Department of Fundamental Development for
Advanced Low Invasive Diagnostic Imaging,
Nagoya University Graduate School of Medicine)

17:10 - 17:15 Closing Remarks

Masaaki Hori (Department of Radiology, Toho University Omori Medical Center)

17:15 - 17:20 Greetings from the Next President

Toshiaki Taoka (Department of Innovative Biomedical Visualization,
Nagoya University Graduate School of Medicine)