

◆ Congress Report ◆

ASMRM 2021 & JSMRM 2021

The 3rd Annual Scientific Meeting of Asian
Society of Magnetic Resonance in Medicine

The 49th Annual Meeting of the Japanese
Society for Magnetic Resonance in Medicine

<On-Site & Live Streaming> Sep 10(Fri.) – 12(Sun.), 2021 @PACIFICO Yokohama North
<On-Demand Streaming> Sep 21(Tue.) – Oct 21(Tue.), 2021

Eternal Brilliance of MR

Hybrid



JSMRM 2021

The 49th Annual Meeting of the Japanese Society
for Magnetic Resonance in Medicine



ASMRM 2021

The 3rd Annual Scientific Meeting of
Asian Society of Magnetic Resonance in Medicine

1 ♦ Program

Day1 Friday, September 10

Room 1	Room 2	Room 3 ASMRM	Room 4	Room 5
1F G2	1F G1	3F G303+304	3F G314+315	3F G316+317
8:20~9:20 Educational Lecture 1 CNS 1	8:20~9:20 Educational Lecture 2 Abdomen & Pelvis 1	8:20~9:20 Educational Lecture 3 Musculoskeletal 1	8:20~9:20 Educational Lecture 4 MR basics 1	8:20~9:20 Educational Lecture 5 Breast
9:25~9:55 Opening Ceremony (ASMRM/JSMRM)	On-Site Participants / On-Demand Participants			
10:00~11:00 Special Lecture 1 What one is thinking at the dawning of MRI medical care in Japan				
11:10~12:00 Symposium 1<Part 1> How to use DWBS in consideration of the recently established additional reimbursement for whole-body MRI and stereotactic radiotherapy	11:10~11:50 Oral Breast O1-Q01~O1-Q04	11:10~12:00 ASMRM/JSMRM-KSMRM/JPC Joint Symposium Neuro:AI & Radiomics 1	11:00~12:00 Oral Brain Structure O1-005~O1-010	11:00~11:50 Oral CS/Synthetic/AI Diffusion O1-016~O1-020
12:10~13:00 Luncheon Seminar 1 Philips Japan, Ltd.	12:10~13:00 Luncheon Seminar 2 Bayer Yakuhin, Ltd.	12:10~13:00 Luncheon Seminar 3 Canon Medical Systems Corporation	12:10~13:00 Luncheon Seminar 4 Canon Medical Systems Corporation	12:10~13:00 Luncheon Seminar 5 GE Healthcare Pharma
13:10~14:50 Symposium 1<Part 2> How to use DWBS in consideration of the recently established additional reimbursement for whole-body MRI and stereotactic radiotherapy	13:10~15:10 Symposium 2 Utility of pediatric MRI to reduce radiation exposure	13:10~15:10 ASMRM/JSMRM-KSMRM Joint Symposium Neuro:AI & Radiomics 2	13:10~14:00 Oral Elastography: Clinical O1-011~O1-015	13:10~13:50 Oral Hyperpolarization O1-022~O1-025
15:20~17:20 Symposium 3 The 20 years' path of MRMS and the strategy for the future	15:20~17:20 Symposium 4 Tips and Tricks in Clinical MR Imaging Measurement - Message for Young Researchers	15:20~17:20 Symposium 5 Current status and future prospect of intraoperative MR	15:20~17:20 Symposium 6 Cardiac MRI in heart failure pandemic	15:20~16:10 Oral Neurodegeneration/Demyelination O1-032~O1-036
17:30~18:30 Evening Seminar 1 Siemens Healthcare K.K.	17:30~18:30 Evening Seminar 2 New developments in MR safety for patients with implantable cardiac devices		16:20~17:20 Oral Brain Diffusion O1-037~O1-042	

Day2 Saturday, September 11

Room 1	Room 2	Room 3 ASMRM	Room 4	Room 5
1F G2	1F G1	3F G303+304	3F G314+315	3F G316+317
8:20~9:20 Educational Lecture 6 CNS 2	8:20~9:20 Educational Lecture 7 Abdomen & Pelvis 2	8:20~9:20 Morning Seminar MEDIE Co., Ltd.	8:20~9:20 Educational Lecture 8 basics 2	8:20~9:20 Educational Lecture 9 Cardiovascular
9:30~10:30 Special Lecture 2 The essence of pulse sequence development	9:30~11:30 Symposium 7 Diversity - Where to start? What is expected to change?	9:30~10:10 Oral MSK O2-008~O2-009	9:30~10:30 Oral Brain: Methodology/Findings O2-025~O2-030	
10:35~11:35 Sponsored Seminar Bayer Yakuhin, Ltd		10:10~11:30 Symposium 8 Cutting edge of the lung MRI	10:35~11:35 Oral Brain: AI/ML/DS O2-019~O2-024	10:30~11:30 Oral AI/Machine learning O2-059~O2-064
11:40~12:30 Luncheon Seminar 6 Philips Japan, Ltd.	11:40~12:30 Luncheon Seminar 7 Siemens Healthcare K.K.	11:40~12:30 Luncheon Seminar 8 GE Healthcare Japan	11:40~12:30 Luncheon Seminar 9 Siemens Healthcare K.K.	
12:40~14:10 Symposium 9 MRI vs. CT	12:40~14:40 Symposium 10 Restricted diffusion in body diffusion MRI	12:40~14:10 Symposium 11 Latest Advancement in Breast Imaging	12:40~13:50 Oral Neurofluid O2-031~O2-037	12:40~13:40 Oral Hardware/Imaging/Analysis O2-065~O2-070
14:20~15:20 Special Lecture 3 Deep Learning and Compressed Sensing Magnetic Resonance Imaging		14:10~14:50 Oral Neuro/AI/Radiomics O2-010~O2-013	14:00~14:50 Oral HBP O2-038~O2-042	13:50~14:50 Oral Safety management/ Image quality O2-071~O2-076
		15:00~15:50 Oral Body DWI O2-001~O2-005	15:00~15:50 Oral Physics and more O2-014~O2-018	15:00~16:00 Oral Cerebrovascular/ Perfusion O2-043~O2-048
		16:00~18:00 Symposium 12 Next-generation MRI techniques begins in the brain region	16:10~17:00 Oral Urogenital O2-054~O2-058	16:00~17:00 Oral Cardiovascular O2-077~O2-082
		18:00~18:50 Evening Seminar 3 MED-EL Japan		

Day3 Sunday, September 12

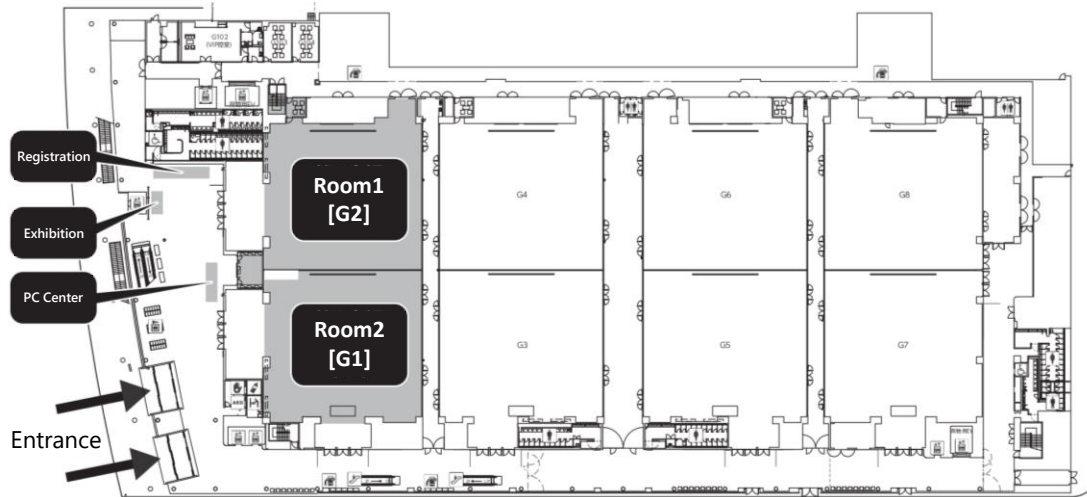
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8:20~9:20 Educational Lecture 10 CNS 3	8:20~9:20 Educational Lecture 11 Abdomen & Pelvis 3	8:20~9:20 Educational Lecture 12 Musculoskeletal 2	8:20~9:20 Educational Lecture 13 MR basics 3	8:20~9:20 Educational Lecture 14 Imaging technique
9:30~11:30 Symposium 14 The technique of MR experts: Scan conditions for patients with MR conditional medical device	9:30~11:30 Symposium 15 Cutting edge of clinical practice for liver disease and related roles of imaging diagnosis	9:30~11:30 Symposium 16 Issues in the glymphatic system hypothesis	9:30~11:00 Oral MSK: AI/ML O3-001~O3-009	9:30~10:30 Oral Contrast agents/Molecular/CEST O3-010~O3-015
11:40~12:30 Luncheon Seminar 10 GE Healthcare Japan	11:40~12:30 Luncheon Seminar 11 FUJIFILM Healthcare Corporation	11:40~12:30 Luncheon Seminar 12 Eisai Co., Ltd.	11:40~12:30 Luncheon Seminar 13 Canon Medical Systems Corporation	10:50~11:30 Oral Lung O3-016~O3-019
12:40~13:00 Closing Ceremony (ASMRM/JSMRM)				

	Total	ASMRM	JSMRM
Sessions	80	10	70
Chairs+Speakers	176	48	128
Invited Lectures	89	28	61
Oral Abstract	198	19	175
Poster Abstract	166	16	150

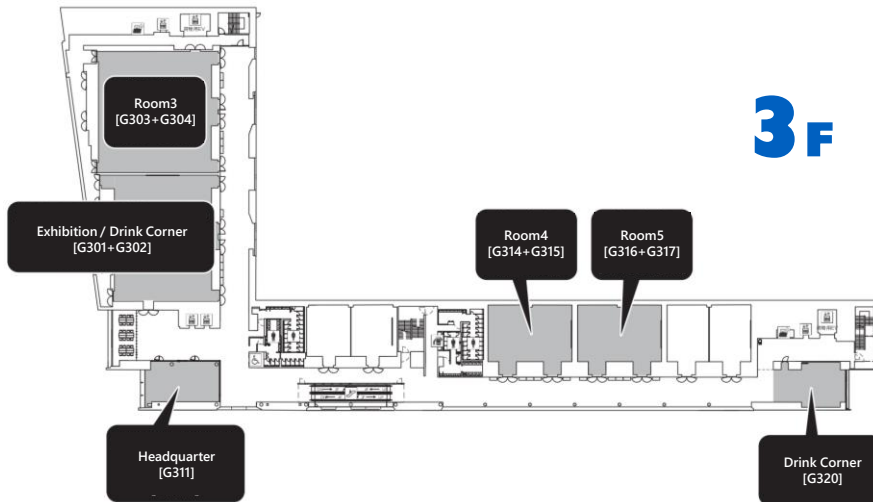
2 ♦ Venue

PACIFICO Yokohama North

1 F



3 F



Yokohama, Japan



3 ◆ Registration

No.	Country	Number
1	Japan	1,750
2	Republic of Korea	13
3	India	3
4	China	3
5	Taiwan	2
6	Singapore	1
7	Germany	1
8	USA	1
9	Canada	1
	Total	1,775

4 ◆ Scientific Program (1)

ASMRM/JSMRM-KSMRM/JPC Joint Symposium

Neuro : AI & Radiomics 1

Sep.10 11:10-12:00

Chairs

Prof. Hideto Kuribayashi

Siemens Healthcare K.K.

Prof. Yoshiyuki Watanabe

Shiga University of Medical Science

Prof. Ji Eun Park

Asan Medical Center



Speakers

Prof. Khanh Le

Taipei Medical University

Prof. Peng Cao

The University of Hong Kong

Prof. Akira Kunimatsu

International University of Health and Welfare Mita Hospital



ASMRM/JSMRM-KSMRM Joint Symposium

Neuro : AI & Radiomics 2

Sep.10 13:10-15:10

Chairs

Prof. Hiroyuki Kabasawa

International University of Health and Welfare

Prof. Mika Kitajima

Faculty of Life Sciences, Kumamoto University

Prof. Yae Won Park

Yonsei University College of Medicine



Speakers

Prof. Ji Eun Park

Asan Medical Center

Prof. Yoon Seong Choi

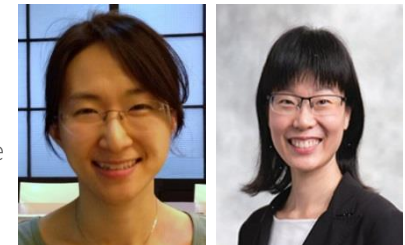
Yonsei University College of Medicine

Prof. Phua Hwee TANG

KK Women's and Children's Hospital

Prof. Dajju Ueda

Osaka City University



4 ♦ Scientific Program (2)

Special Lecture 3

Sep.11 14:20-15:20

Chair

Prof. Yoshitaka Bito

FUJIFILM Healthcare Corporation

Speaker

Prof. Chang-Beom Ahn

Kwangwoon University



Symposium 11

Latest Advancement in Breast Imaging

Sep.11 12:40-14:10

Chairs

Prof. Cho Nariya

Seoul National University Hospital

Prof. Mami Iima

Kyoto University Hospital



Speakers

Prof. Cho Nariya

Seoul National University Hospital

Prof. Mariko Goto

Kyoto Prefectural University of Medicine

Prof. Hee Jung Shin

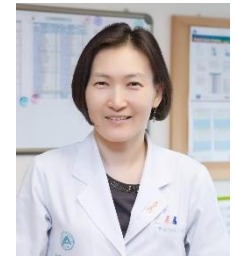
Asan Medical Center

Prof. Eun Sook Ko

Sungkyunkwan University School of Medicine

Prof. Tomoyuki Fujioka

Tokyo Medical and Dental University



Symposium 8

Cutting edge of the lung MRI

Sep.11 10:10-11:30

Chairs

Prof. Yoshiharu Ohno

Fujita Health University School of Medicine

Prof. Tae Iwasawa

Kanagawa Cardiovascular and Respiratory Center

Speakers

Prof. Yoshiharu Ohno

Fujita Health University School of Medicine

Prof. Ho Yun Lee

Sungkyunkwan University School of Medicine

Prof. Jens Vogel-Claussen

Hannover Medical School



5 ♦ Award

Winners of the Research Encouragement Award *for outstanding poster presentations

Shigeyoshi Soga Keio University School of Medicine
Magnetic resonance lymphangiography staging system for lower limb lymphedema

Tomoko Maekawa Juntendo University School of Medicine
Time-Dependent Diffusion Using Oscillating-Gradient Spin-echo Sequence in Extra-Axial Brain Tumors

Koji Takumi Kagoshima University Graduate School of Medical and Dental Sciences
A phantom study of chemoCEST imaging for the detection of anticancer agents using clinical 3T MRI: A feasibility study

Tsuyoshi Ueyama Institute of Applied Physics, University of Tsukuba
Distortion correction of diffusion-weighted image by FSL learning model using 3D U-net

Hinako Oshiro Tokyo Metropolitan University
OGSE observation of micro restricted structures

Kou Sasaki Hiroshima City University
Comparison of two approaches for diffusional kurtosis inference: synthetic Q-space learning and DWI denoising

Katsumi Kose MRI simulations Inc.
Implementation of three-dimensional fast spin echo sequences on the MRI simulator

Khin Khin Tha Global center for Biomedical Science and Engineering, Hokkaido University Faculty of Medicine
Noninvasive Assessment Of The Cerebrospinal Fluid and Its Composition By Electric Properties Tomography

6 ◆ Sponsorship (1)

Luncheon Seminar

- Philips Japan, Ltd.
- Bayer Yakuhin, Ltd.
- Canon Medical Systems Corporation
- Janssen Pharmaceutical K.K. Medical Affairs Division
- GE Healthcare Pharma
- Siemens Healthcare K.K.
- GE Healthcare Japan
- Guerbet Japan KK
- FUJIFILM Healthcare Corporation
- Eisai Co., Ltd.

Morning Seminar

- MEDIE Co., Ltd.

Evening Seminar

- Siemens Healthcare K.K.
- MED-EL Japan

Sponsored Seminar

- Bayer Yakuhin, Ltd.

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- Bayer Yakuhin, Ltd.
- GE Healthcare Pharma
- GE Healthcare Japan
- Guerbet Japan KK
- Eisai Co., Ltd.
- MEDIE Co., Ltd.
- MEDTRONIC JAPAN CO., LTD.
- Tokai Education Instruments CO., LTD
- NOBORI Ltd.
- Abbott Medical Japan LLC.
- BioView, Inc.
- Elekta K.K.
- KONICA MINOLTA JAPAN, INC.
- FUJIFILM Medical Co., Ltd.
- LivaNova Japan K.K.
- Amin Co., Ltd.
- Gakken Medical Shujunsha Co.,Ltd.
- BIOTRONIK JAPAN
- FUJIFILM Medical Solutions Corporation
- MicroPort CRM Japan Co., Ltd.

6 ◆ Sponsorship (2)

Exhibition

- CANON MEDICAL SYSTEMS CORPORATION
- Siemens Healthcare K.K.
- Fujidenolo Co., Ltd.
- Philips Japan
- GE Healthcare Japan Corporation
- Nemoto Kyorindo Co., Ltd.
- MEDIARK.Inc.
- Physio-Tech Co., Ltd.
- TORECK Co., Ltd.
- L.A.Systems Inc.
- Bruker Japan K.K.
- Fuyo Corporation
- NAMOTO Co.,Ltd.
- Médecins du Monde
- Bunkodo Shoten Co., Ltd.



7 ♦ Photos

