

I. Joint Sessions for Japan Radiology Congress

Opening Ceremony

- Opening Ceremony: April 16 (Fri.) 13:50-14:45 (National Convention Hall)
[Keynote Lecture]
 - Noriyuki Tomiyama (Osaka Univ.)
The 80th Annual Meeting of the Japan Radiological Society (JRS)
 - Hiroko Nishide (Gifu Univ. of Medical Science)
The 77th Annual Meeting of the Japanese Society of Radiological Technology (JSRT)
 - Nobuyuki Kanematsu (NIRS, QST)
The 121st Scientific Meeting of the Japan Society of Medical Physics (JSMP)
 - Akio Yamamoto
Japan Medical Imaging and Radiological Systems Industries Association (JIRA)

Honorary Member Award Ceremony

- Honorary Member Award Ceremony: April 16 (Fri.) 13:30-13:50 (National Convention Hall)
Moderator: Shigeki Aoki (Juntendo Univ.)
Noriyuki Tomiyama (Osaka Univ.)
 - Jung-Gi Im (Seoul National Univ., Korea)
 - Lorenzo E. Derchi (Univ. of Genoa, Italy)
 - Nestor L. Müller (The Univ. of British Columbia, Canada)

Joint Special Lecture

- Joint Special Lecture: April 16 (Fri.) 14:45-15:30 (National Convention Hall)
Moderator: Noriyuki Tomiyama (Osaka Univ.)
CSL. Accelerating Social Change Through Digitalization Hiroshi Mikitani (Rakuten, Inc.)

Joint Symposium

- Joint Symposium 1: April 16 (Fri.) 16:00-18:00 (National Convention Hall)
[Approaching the Whole Aspect of the New Coronavirus Infection (COVID-19)]
Moderator: Sadayuki Murayama (Univ. of the Ryukyus)
Kazuto Ashizawa (Nagasaki Univ.)
 - CSY1-1. The Basic Measures of Infection Control for COVID-19 Kazunori Tomono (Osaka Univ. Hosp.)
 - CSY1-2. Imaging Diagnosis of Coronavirus Disease 2019 (COVID-19) Shohei Inui (The Univ. of Tokyo)
 - CSY1-3. Forefront of AI Applications for COVID-19 Imaging Diagnosis Hidetaka Arimura (Kyushu Univ.)
 - CSY1-4. Infection Prevention and Control Measure for COVID-19 in Radiology Department
Daisuke Unai (St. Luke's International Hosp.)
 - CSY1-5. COVID-19 Pandemic: the American Experience Ann Leung (Stanford Univ. Medical Center)
- Joint Symposium 2: April 17 (Sat.) 10:00-12:00 (National Convention Hall)
[Evolution in Mammographic Systems and Images]
Moderator: Masahiro Sai (Tohoku Univ. Hosp.)
Kunio Kurowarabi (Japan Health Care Col.)
 - CSY2-1. Transition of the Mammographic Diagnosis Tokiko Endo (Higashinagoya National Hosp.)
 - CSY2-2. Milestones of Mammography System - X-ray Equipment - Toru Negishi (Tokyo Metropolitan Univ.)
 - CSY2-3. Evolution of the Mammographic Imaging System Hiroko Nishide (Gifu Univ. of Medical Science)
 - CSY2-4. Demand for Mammography Technology Tomomi Koyama (St. Luke's International Hosp.)
 - CSY2-5. Air-kerma Standard for Mammography X-ray in Japan ~Progress and Prospects~ Takahiro Tanaka (AIST)

- Joint Symposium 3: April 17 (Sat.) 13:30-15:40 (National Convention Hall)

「Radiological Technologies from Japan - Past and Future -」

- Moderator: Kazuo Awai (Hiroshima Univ.)
 Kazuyuki Kashiyama (Osaka General Medical Center)
 Takeji Sakae (Univ. of Tsukuba)
- CSY3-1. Efficacy of 320-row IVR-ADCT Takeshi Aramaki (Shizuoka Cancer Center)
- CSY3-2. The History of CT Technologies from Japan that Work in the World and Future
 Hisashi Tachizaki (Canon Medical Systems Corp.)
- CSY3-3. Genesis of Computed Radiography System. -What is Born between Imagination and Creativity.-
 Masao Funahashi (Morinomiya Univ. of Medical Sciences)
- CSY3-4. A Challenge of Digitalizing the X-ray Film Image, and the Recent Technical Trends.
 Masahiko Yamada (FUJIFILM Corp.)
- CSY3-5. Current Status of Accelerator-based Boron Neutron Capture Therapy (BNCT) Hiroki Tanaka (Kyoto Univ.)
- CSY3-6. Charged Particle Therapy: Technology from Japan Toshiyuki Shirai (NIRS, QST)

JRS·JSRT·JSMP Joint Project (Cooperation MII and JAMIT) Artificial Intelligence Hands-on Seminar

1. Beginning Image Classification, Regression, Segmentation, Anomaly Detection and Generation Based on Deep Learning
 Method using Python (Advanced Course)

- CHS1-1. April 15 (Thu.) 13:30-17:00 (315)
 CHS1-2. April 16 (Fri.) 8:00-11:30 (315)
 CHS1-3. April 17 (Sat.) 8:00-11:30 (315)

Director, Instructor, Assistant: Takeshi Hara (Gifu Univ.)
 Yongbum Lee (Niigata Univ.)
 Norimitsu Shinohara (Gifu Univ. of Medical Science)
 Natsumi Futakami (Tokai Univ.)
 Kotarou Iijima (National Cancer Center)

2. Intuitive Understanding of Deep Learning Using a Graphical User Interface (GUI) Environment (Beginners Course)

- CHS2-1. April 17 (Sat.) 13:30-17:00 (315)
 CHS2-2. April 18 (Sun.) 8:00-11:30 (315)

Instructor: Tomohiro Wataya (Osaka Univ.)
 Supervisor: Shoji Kido (Osaka Univ.)
 Assistant: Yuki Suzuki (Osaka Univ.)
 Kazuki Yamagata (Osaka Univ.)
 Tomo Miyata (Osaka Univ.)
 Masahiro Fujiwara (Osaka Univ.)
 Toru Honda (Osaka Univ.)
 Daiki Nishigaki (Osaka Univ.)

Joint Awards Ceremony and Joint Members Ceremony

- Joint Awards Ceremony and Joint Members Ceremony: April 18 (Sun.) 13:30-14:30 (National Convention Hall)

Joint Public Lecture

- Joint Public Lecture: April 18 (Sun.) 15:30-18:00 (National Convention Hall)

「10 Years after the Fukushima」

- Moderator: Takayuki Igarashi (International Univ. of Health and Welfare Narita Hosp.)
 Atsuko Tsukamoto (NTT Medical Center Tokyo)
- CPF-1. Lessons Learned from the History - Prepare for a Nuclear Accident/Disaster -
 Koichi Tanigawa (Futaba Medical Center, Fukushima Prefecture)
- CPF-2. Risk of Low-dose Radiation Exposure in Fukushima Hironobu Nakamura (Saito Yukoukai Hosp.)
- CPF-3. The Role of the Japanese Society of Radiological Technology and Radiological Technologists for a Radiation
 Disaster: What Should We Do? Takashi Ohba (Fukushima Medical Univ.)
- CPF-4. Were the Assessments Made by the World Experts Correct?
 Hiroshi Yasuda (Hiroshima Univ. Research Institute for Radiation Biology and Medicine)
- CPF-5. Radiological Nursing for Improving the Well-being of All People:10 Years after the Fukushima Nuclear
 Accident Katsuko Suenaga (Fukushima Medical Univ.)

II. JRS Activities

Special Lecture

- Special Lecture 1: April 16 (Fri.) 15:50-16:50 (Main Hall)

RSL1. Avatars and Our Future Society Hiroshi Ishiguro (Osaka Univ./ATR Hiroshi Ishiguro Laboratories)
Moderator: Susumu Kanazawa (Okayama Univ.)

- Special Lecture 2: April 16 (Fri.) 17:10-18:10 (Main Hall)

RSL2. Near Infrared Photoimmunotherapy for Cancers Hisataka Kobayashi (Molecular Imaging Branch, NCI/NIH)
Moderator: Masahiro Jinzaki (Keio Univ.)

Honorary Invited Lecture

- Honorary Invited Lecture: April 17 (Sat.) 9:30-11:30 (Main Hall)

RHI-1. Imaging of Pulmonary Tuberculosis and Non-tuberculous Mycobacterial Infection
Moderator: Shigeki Aoki (Juntendo Univ.)
Noriyuki Tomiyama (Osaka Univ.)
Jung-Gi Im (Seoul National Univ., Korea)

RHI-2. Imaging of Testicular Tumors: New Responsibilities for the Radiologist
Lorenzo E. Derchi (Univ. of Genoa, Italy)

RHI-3. Differential Diagnosis of Fibrotic Lung Disease: State-of-the-Art
Nestor L. Müller (The Univ. of British Columbia, Canada)

International Communication Session

- International Communication Session 1: April 15 (Thu.) 15:00-16:30 (Main Hall)

[ARRS & ESR] Moderator: Manabu Minami (Univ. of Tsukuba)
Aki Kido (Kyoto Univ. Hosp.)

RIC1-1. PI-RADS: Past, Present & Future Rajan T. Gupta (Duke Univ. Medical Center, USA)

RIC1-2. Imaging of Endometriosis: Pearls & Pitfalls
Reffy Nicola (Roswell Park Comprehensive Cancer Center,
Jacobs Sch. of Medicine and Biomedical Sciences, Univ. at Buffalo, USA)

RIC1-3. International Communication Session "ESR"
Regina Beets-Tan (The Netherlands Cancer Institute, Netherlands)

- International Communication Session 2: April 16 (Fri.) 10:50-11:50 (304)

[RSNA] Moderator: Ukihide Tateishi (Tokyo Medical and Dental Univ.)

RIC2-1. RSNA Update and JRS Collaboration
Satoshi Minoshima (RSNA Research and Education Foundation/ Univ. of Utah, USA)

RIC2-2. Balancing the Demands of Clinical Productivity, Efficiency and Physician Wellness: A Department Chair's Perspective
Mary C. Mahoney (Univ. of Cincinnati, USA)

- International Communication Session 3: April 16 (Fri.) 9:30-11:40 (F205+206)

[Radiology in the COVID-19 Era: Clinical Practice, Education, Research and Scholarly Activities]
Moderator: Kei Yamada (Kyoto Prefectural Univ. of Medicine)
Nobuo Tomizawa (Juntendo Univ.)

RIC3-1. AI-based Analysis Method for COVID-19 Pneumonia CT Images Kensaku Mori (Nagoya Univ.)

RIC3-2. Korean Society of Radiology Activities in Clinical Practice, Education, Research and Scholarly Activities in a COVID-19 Era Seung Eun Jung (The Catholic Univ. of Korea, Eunpyeong St. Mary's Hosp., Korea)

RIC3-3. Turkish Radiology Amidst COVID-19 Crisis Sukru Mehmet Erturk (Istanbul Univ., Turkey)

RIC3-4. Radiology in a COVID-19 Era: a Brazilian Perspective Manoel Rocha (Univ. of Sao Paulo, Brazil)

RIC3-5. Radiology in a COVID-19 Era: the French Experience
Constance de Margerie-Mellon (Hosp. Saint-Louis and Univ. de Paris, France)

RIC3-6. Radiology in a COVID-19 Era: the Italian Experience
Stefania Ianniello ("Lazzaro Spallanzani" IRCCS, Italy)

Invited Lecture

- Invited Lecture 1: April 16 (Fri.) 9:30-10:30 (304)
Moderator: Masahiro Higashi (NHO Osaka National Hosp.)
RIL1-1. Advances in Coronary CT Imaging
Yung Liang Wan (Linkou Chang Gung Memorial Hosp. Chang Gung Univ., Taiwan)
- Invited Lecture 2: April 16 (Fri.) 10:50-11:50 (National Convention Hall)
Moderator: Hidetake Yabuuchi (Kyusyu Univ.)
RIL2-1. Imaging of Immunotherapy for Lung Cancer
Mizuki Nishino (Brigham and Women's Hosp. and Dana-Farber Cancer Institute, Harvard Medical Sch., USA)
- Invited Lecture 3: April 16 (Fri.) 15:50-17:20 (302)
Moderator: Masahiro Okada (Nihon Univ.)
Yasunari Fujinaga (Shinshu Univ.)
RIL3-1. Innovations for Improving the Impact of Future Radiology: Iron Quantification with Functional Ultrasound (iQUS)
Jin Yamamura (Univ. Medical Center Hamburg-Eppendorf, Germany)
RIL3-2. The Use of Hepato-biliary Contrast Agents for Modern Liver MRI
Christoph J. Zech (Univ. of Basel, Switzerland)
RIL3-3. Prostate Cancer Imaging: the Treacherous Road to Value Creation
Hebert Alberto Vargas (Memorial Sloan Kettering Cancer Center, USA)
- Invited Lecture 4: April 16 (Fri.) 15:50-16:50 (304)
Moderator: Fumito Okada (Oita Prefectural Hosp.)
RIL4-1. Infectious Respiratory Emergencies: HRCT Findings and Differential Diagnosis
Tomás Franquet (Hosp. de Sant Pau. Univ. Autònoma de Barcelona)
RIL4-2. Imaging of Pulmonary Infection
Gustavo Meirelles (Fleury Group, Brazil)
- Invited Lecture 5: April 16 (Fri.) 17:10-18:10 (304)
Moderator: Shoji Kido (Osaka Univ.)
RIL5-1. Radiomics Analysis and Artificial Intelligence for Lung Cancer
Yeun-Chung Chang (National Taiwan Univ. Hosp., Taiwan)
- Invited Lecture 6: April 17 (Sat.) 10:50-11:50 (F205+206)
Moderator: Mamoru Niitsu (Saitama Medical Univ.)
Hisashi Tanaka (Osaka Univ.)
RIL6-1. Imaging of Ulnar-sided Wrist Pain
Bruce B. Forster (The Univ. of British Columbia, Canada)
RIL6-2. Advances in MR Imaging of the Painful Hip Arthroplasty
Christian W.A. Pfirrmann (MRI-Medical Radiological Institute, Zurich, Switzerland)
- Invited Lecture 7: April 17 (Sat.) 13:30-14:30 (304)
Moderator: Teruhito Kido (Ehime Univ.)
RIL7-1. Big Pipe, Fine Details: Nuances in the Interpretation of Thoracic Aortic CT
Geoffrey D. Rubin (Professor and Chair, Dept. of Medical Imaging Univ. of Arizona, Clinical Service Chief of Medical Imaging Banner Univ. Health, Tucson, Arizona)
- Invited Lecture 8: April 17 (Sat.) 15:00-16:00 (304)
Moderator: Yoshiharu Ohno (Fujita Health Univ.)
RIL8-1. Lung Cancer on Chest Radiograph: Back to Basic and Revisit
Jae Woo Son (Asan Medical Center Univ. of Ulsan, Korea)

Symposium

- Symposium 1: April 16 (Fri.) 9:30-10:30 (National Convention Hall)
「Lung Cancer Screening Update 2021」
Moderator: Masahiko Kusumoto (National Cancer Center Hosp.)
Shuji Sakai (Tokyo Women's Medical Univ.)
RSY1-1. A Computerized Approach for Pulmonary Nodules
Jin Mo Goo (Seoul National Univ., Korea)
RSY1-2. Low-dose CT Screening for Lung Cancer in Japan and Perspective of Diagnostic Imaging Approach in Lung Cancer
Masaki Matsusako (St. Luke's Hosp.)

- Symposium 2: April 16 (Fri.) 9:30-11:30 (Main Hall)
 「Clinical Impact of TACE in the Molecular Targeted Therapy Era: Current Status at Each Institution」
 Moderator: Keigo Osuga (Osaka Medical Col.)
 Toshihiro Tanaka (Nara Medical Univ.)
 RSY2-1. Current Status of TACE in Korea Hojong Chun (Seoul St. Mary's Hosp., Korea)
 RSY2-2. Clinical Impact of TACE in the Molecular Targeted Therapy Era: Current Status at Cancer Center Hospital
 Yozo Sato (Aichi Cancer Center Hosp.)
 RSY2-3. Potential for Complementary Treatment with Transarterial Chemoembolization and Molecular-targeted
 Agents Ken Kageyama (Osaka City Univ.)
 RSY2-4. Status of TACE in the Era of Molecular Targeted Drugs: Current Status of TACE in a Local General Hospital
 Mitsuhiro Kinoshita (Tokushima Red Cross Hosp.)

- Symposium 3: April 17 (Sat.) 9:30-11:30 (302)
 「Future Vision and Trends in Neuroradiology」
 Moderator: Osamu Abe (The Univ. of Tokyo)
 Yoshiyuki Watanabe (Shiga Univ. of Medical Science)
 RSY3-1. Recent Clinical Application and Technical Development of Quantitative Susceptibility Mapping (QSM)
 Minako Azuma (Miyazaki Univ.)
 RSY3-2. Clinical Application of AI and Advanced Neuroimaging in Neurodegenerative Disease: a Beginner's
 Viewpoint Chong Hyun Suh (Asan Medical Center, Korea)
 RSY3-3. An Update of Flow-diverter to Manage Intracranial Aneurysm
 Chao-Bao Luo (Taipei Veterans General Hosp, Taiwan)
 RSY3-4. Imaging Parkinsonism: Updates and the Neuroradiologist's Role
 Ling Ling Chan (Singapore General Hosp.: Duke-NUS Medical Sch., Singapore)
 RSY3-5. Blood Vessels Matter in Advanced Neuroradiology Alexandre Krainik (Univ. Hosp. of Grenoble, France)

- Symposium 4: April 17 (Sat.) 13:30-15:15 (Main Hall)
 「Imaging for Thymic Epithelial Neoplasms」
 Moderator: Kiminori Fujimoto (Kurume Univ.)
 Osamu Honda (Kansai Medical Univ.)
 RSY4-1. Imaging for Thymic Epithelial Neoplasms Edith Michelle Marom (Chaim Sheba Medical Center, Israel)
 RSY4-2. Radiological Diagnosis of Thymic Epithelial Tumors using CT
 Masaki Hara (Nagoya City West Medical Center)
 RSY4-3. MRI Diagnosis of Thymic Epithelial Tumors Takahiko Nakazono (Saga Univ.)

- Symposium 5: April 17 (Sat.) 13:30-15:30 (302)
 「New Trends in Radiation Oncology for Urological Tumors」
 Moderator: Kazuhiko Ogawa (Osaka Univ.)
 Yasushi Nagata (Hiroshima Univ.)
 RSY5-1. Current Situations and Future Directions of Radiation Therapy for Prostate Cancer
 Rihito Aizawa (Kyoto Univ.)
 RSY5-2. Radiotherapy for Renal Cell Carcinoma Katsumasa Nakamura (Hamamatsu Univ.)
 RSY5-3. Radiation Therapy for Bladder Cancer Hitoshi Ishikawa (Hosp. QST)
 RSY5-4. New Approaches on Radiation Therapy for Genitourinary Cancer
 Xian-Shu Gao (Peking Univ. First Hosp., China)

- Symposium 6: April 17 (Sat.) 13:30-15:30 (F205+206)
 「Theranostics – from PET Imaging to Nuclear Medicine Therapy –」
 Moderator: Seigo Kinuya (Kanazawa Univ.)
 Hirofumi Fujii (National Cancer Center)
 RSY6-1. General Overview of Targeted Alpha Therapy in Japan and QST Tatsuya Higashi (NIRS, QST)
 RSY6-2. Theranostics: from Tumor-specific PET Imaging to Targeted Alpha Therapy Tadashi Watabe (Osaka Univ.)
 RSY6-3. An Investigator-initiated Clinical Trial in Patients with Malignant Brain Tumor to Evaluate the Safety and
 Pharmacokinetics of Radioactive Cu-64 ATSM. Hiroaki Kurihara (Kanagawa Cancer Center)
 RSY6-4. Theranostic: From Rare Disease to the Pioneers of Molecular Imaging and Therapy
 Frederik Giesel (Univ. Hosp. Heidelberg, Germany)

- Symposium 7: April 18 (Sun.) 9:30-11:30 (Main Hall)
 - 「Present Status and Future Perspective for Interstitial Pneumonia」 Moderator: Takeshi Johkoh (Kansairosai Hosp.)
Tae Iwasawa (Kanagawa Cardiovascular & Respiratory Center)
 - RSY7-1. Update for Idiopathic Interstitial Pneumonia Hiromitsu Sumikawa (Kinki-Chuo Chest Medical Center)
 - RSY7-2. Interstitial Lung Abnormality: Practical Guide to Practicing Radiologists
Hiroyuki Hatabu (Brigham and Women's Hosp. Harvard Medical Sch., USA)
 - RSY7-3. Update for the Radiological Diagnosis of Hypersensitivity Pneumonitis in line with The First Official
International Guideline Ryoko Egashira (Saga Univ.)
 - RSY7-4. Connective Tissue Disease-Related Interstitial Lung Disease (CTD-ILD): Evolution of CT Findings,
Pathology and Management Kyung Soo Lee (Samsung Medical Center, Sungkyunkwan Univ., Korea)

- Symposium 8: April 18 (Sun.) 9:30-11:30 (302)
 - 「Gd-EOB-DTPA-enhanced Liver MR Imaging: Closer to the Truth」 Moderator: Takamichi Murakami (Kobe Univ.)
Toshifumi Gabata (Kanazawa Univ.)
 - RSY8-1. Molecular and Genetic Background of Gd-EOB-DTPA-enhanced MRI in Hepatocellular Carcinoma
Azusa Kitao (Kanazawa Univ.)
 - RSY8-2. MR Artifacts and Solution in Gd-EOB-DTPA-enhanced MRI of the Liver: What Should We Know?
Masakatsu Tsurusaki (Kindai Univ.)
 - RSY8-3. Latest Technique of Gadoxetate Disodium-enhanced MRI Focused on Free-breathing Dynamic Study
Shintaro Ichikawa (Hamamatsu Univ. Sch. of Medicine)
 - RSY8-4. Radiological Estimation of Liver Function and Pathology Using Gd-EOB-DTPA-enhanced MRI: Current
State and Prospect Akihiro Nishie (Kyushu Univ.)

- Symposium 9: April 18 (Sun.) 9:30-11:30 (304)
 - 「AI-enhanced Radiology」 Moderator: Shoji Kido (Osaka Univ.)
Hiroshi Fujita (Gifu Univ.)
 - RSY9-1. Potential Clinical Application of AI in Radiology: from the Perspective of a Diagnostic Radiologist /
Interventional Radiologist Akira Yamada (Shinshu Univ.)
 - RSY9-2. Natural Language Processing Application for Radiology Eiji Aramaki (NAIST)
 - RSY9-3. Artificial Intelligence in Radiology Max Wintermark (Stanford Univ., USA)
 - RSY9-4. Artificial Intelligence in Radiology Ronald M. Summers (NIH Clinical Center, USA)

Image Interpretation Session

- Image Interpretation Session: April 17 (Sat.) 17:00-19:00 (National Convention Hall)
 - Moderator: Takashi Koyama (Kurashiki Central Hosp.)
Mitsuru Matsuki (Kindai Univ.)
 - Question Master: Takayasu Iwai (Uji Tokushukai Medical Center)
Toshihiro Furuta (The Univ. of Tokyo)
Yuichiro Kanie (Japanese Red Cross Society Himeji Hosp.)
Masaya Kawaguchi (Gifu Univ.)
Kyoko Nagai (Showa Univ. Fujigaoka Hosp.)
 - Discussor: Shu Matsushita (Osaka City General Hosp.)
Haruka Sato (Oita Prefectural Hosp. Radiology)
Sakiko Kageyama (Tohoku Univ.)
Takahiro Hosokawa (Saitama Children's Medical Center)
Shinya Hattori (Chiba Univ. Hosp.)

Special Program

- Special Program 1: April 16 (Fri.) 16:00-18:00 (F205+206)
「Joint Symposium of JRS and JCR, Diversity and Inclusion」
Moderator: Noriko Oyama-Manabe (Saitama Medical Center, Jichi Medical Univ.)
Tsuneo Yamashiro (Yokohama City Univ.)
 - RSP1-1. The Radiologic Diagnosis from Home in Kurashiki Central Hospital; Work Style Reform for Nursing Female Doctor and Pandemic COVID-19
Takashi Koyama (Kurashiki Central Hosp.)
 - RSP1-2. How to Implement a Remote Reading System in an Academic Center
Kentaro Akazawa (Kyoto Prefectural Univ. of Medicine)
 - RSP1-3. For Connecting the Medical Care to the Future, Let's Start a Workstyle Reform in Medical Setting !
Kanako Asato (MHLW)

- Special Program 2: April 18 (Sun.) 9:30-11:20 (F205+206)
「Let's Promote Shared-decision Making in Radiology」
Moderator: Masahiro Ida (Mito Medical Center)
Hiroshi Onishi (Univ. of Yamanashi)
 - RSP2-1. Opening Remarks
Hiroshi Onishi (Univ. of Yamanashi)
 - RSP2-2. Significance of Shared-decision Making in Radiation Therapy
Keiichi Nakagawa (Univ. of Tokyo)
 - RSP2-3. Shared-decision Making in Interventional Radiology
Yasuaki Arai (National Cancer Center)
 - RSP2-4. Promotion of Shared-decision Making along the Revised Enforcement of the Medical Care Act
Anri Inaki (Kanazawa Univ.)

Resident Seminar

- Resident Seminar (Diagnostic Radiology): April 17 (Sat.) 9:30-11:30 (304)
「The Essence of Diagnostic Radiology: Learn from the Experts」
Moderator: Masatoshi Hori (Kobe Univ.)
Takenori Kozuka (Kindai Univ.)
Naoko Saito (Juntendo Univ.)
 - RRS1-1. Imaging of Cervical Lymphadenopathy
Mariko Goto (Kyoto Prefectural Univ. of Medicine)
 - RRS1-2. Breast Imaging: What is the Role of Breast Radiologists?
Yukihiro Nagatani (Shiga Univ. of Medical Science)
 - RRS1-3. Fundamentals of the Chest Diagnostic Radiology
Tsukasa Saida (Univ. of Tsukuba)
 - RRS1-4. Basics of MR Imaging of Gynecologic Tumors

- Resident Seminar (Radiation Oncology): April 17 (Sat.) 17:00-19:00 (302)
「The Essence of Radiation Oncology: Learn from the Experts」
Moderator: Keiichi Jingu (Tohoku Univ.)
Satoaki Nakamura (Kansai Medical Univ.)
Takaya Yamamoto (Tohoku Univ. Hosp.)
 - RRS2-1. Radiotherapy for Lung Cancer
Norihiro Aibe (Kyoto Prefectural Univ. of Medicine)
 - RRS2-2. Radiation Therapy for Breast Cancer Treatment
Kiyonao Nakamura (Kyoto Univ. Hosp.)
 - RRS2-3. Radiation Therapy for Prostate Cancer
Yuya Yoshimoto (Fukushima Medical Univ.)
 - RRS2-4. An Anti-tumor Immunity and Radiotherapy: Basic and Clinical Research

Educational Lecture

- Educational Lecture 1: April 15 (Thu.) 16:40-17:40 (301)
「Neuroradiology 1」
Moderator: Harushi Mori (Jichi Medical Univ.)
Emiko Morimoto (Osaka City Univ.)
 - REL1-1. Diagnostic Imaging of Inflammatory Demyelinating Diseases
Yukio Kimura (National Center of Neurology and Psychiatry)
 - REL1-2. Diagnostic Imaging of Central Nervous System Vasculitis

- Educational Lecture 2: April 15 (Thu.) 16:40-17:40 (302)
「Chest Radiology 1」
Moderator: Kazuto Ashizawa (Nagasaki Univ.)
Takeshi Kobayashi (Ishikawa Hosp.)
 - REL2-1. Image Screening for Lung Cancer
Masahiko Kusumoto (National Cancer Center Hosp.)
 - REL2-2. CT Diagnosis for Lung Masses or Nodules

- Educational Lecture 3: April 15 (Thu.) 16:40-17:40 (303)
「Gastrointestinal Radiology 1」
Moderator: Yoshihiko Fukukura (Kagoshima Univ.)
Yoshifumi Noda (Gifu Univ.)
 - REL3-1. Imaging Diagnosis of Pancreatic Inflammatory Diseases
Ryo Takaji (Oita Univ.)
 - REL3-2. Cystic Lesions of the Pancreas

- Educational Lecture 4: April 15 (Thu.) 16:40-17:40 (304)
 - 「Radiation Oncology 1」 Moderator: Shinji Sugahara (Tokyo Medical Univ. Ibaraki Medical Center)
 - REL4-1. Radiation Therapy for Bone and Soft Tissue Sarcoma Reiko Imai (QST Hosp.)
 - REL4-2. Radiotherapy for Skin Cancers Hiroshi Igaki (National Cancer Center Hosp.)

- Educational Lecture 5: April 15 (Thu.) 16:40-17:40 (F205+206)
 - 「Nuclear Medicine 1」 Moderator: Yuji Nakamoto (Kyoto Univ.)
 - REL5-1. Basics of Whole-Body PET Imaging for Breast Cancer Kanae Miyake (Kyoto Univ.)
 - REL5-2. High-resolution Breast PET Yoko Satoh (Yamanashi PET Clinic)

- Educational Lecture 6: April 16 (Fri.) 8:00-9:00 (National Convention Hall)
 - 「[MOC Requirements] Quality of Medical Care: Diagnostic Imaging」 Moderator: Masahiko Fujii (Kobe Minimally Invasive Cancer Center)
 - REL6-1. Guideline for Remote Image Diagnosis 2018 & Online Medical Treatment Ryohei Kuwatsuru (Juntendo Univ.)
 - REL6-2. Important Points for Information Technology at Radiology Department Michio Kimura (Hamamatsu Univ.)

- Educational Lecture 7: April 16 (Fri.) 8:00-9:00 (Main Hall)
 - 「Breast Imaging 1」 Moderator: Yoshifumi Sugawara (Shikoku Cancer Center)
 - REL7-1. Imaging Findings of Special Types of Invasive Breast Carcinoma 1: Invasive Lobular Carcinoma, Mucinous Carcinoma and Malignant Lymphoma Yukiko Tokuda (Osaka Univ.)
 - REL7-2. Imaging of Breast Cancer: ‘Special Types’ Carcinomas According to the Japanese Classification. Roka Matsubayashi (Namoto) (NHO Kyushu Medical Center)

- Educational Lecture 8: April 16 (Fri.) 8:00-9:00 (301)
 - 「Head and Neck Radiology 1」 Moderator: Kumiko Ando (Kobe City Medical Center General Hosp.)
 - REL8-1. Imaging of Metastatic Lymph Nodes in Head and Neck Malignancy Sho Koyasu (Kyoto Univ.)
 - REL8-2. Imaging of Non-neoplastic Cervical Lymph Node Disorders: Purulent, Tuberculous, Granulomatous, Etc. Yoshiyasu Hiratsuka (Yawatahama Hosp.)

- Educational Lecture 9: April 16 (Fri.) 8:00-9:00 (302)
 - 「Cardiac Radiology 1」 Moderator: Kenichi Yokoyama (Kyorin Univ.)
 - REL9-1. The ABC of Coronary CT Angiography Interpretation Haruhiko Machida (Kyorin Univ.)
 - REL9-2. Basics of Cardiac MRI Interpretation Tomoyuki Kido (Ehime Univ.)

- Educational Lecture 10: April 16 (Fri.) 8:00-9:00 (303)
 - 「Genitourinary Radiology 1」 Moderator: Tsutomu Tamada (Kawasaki Medical Sch.)
 - REL10-1. Imaging Diagnosis of Acute Pyelonephritis Yoshimitsu Ohgiya (Showa Univ.)
 - REL10-2. Adrenal Imaging: Endocrine Hypertension and Differential Diagnosis of Adrenal Lesions Yuichi Kumagae (Kagoshima Univ.)

- Educational Lecture 11: April 16 (Fri.) 8:00-9:00 (304)
 - 「Radiation Oncology 2」 Moderator: Hisanori Ariga (Iwate Medical Univ.)
 - REL11-1. Pediatric Radiation Oncology Hiroshi Fuji (National Center for Child Health and Development)

- Educational Lecture 12: April 16 (Fri.) 8:00-9:00 (311+312)
 - 「Pediatric Radiology 1」 Moderator: Yoshinobu Akasaka (Kobe Children’s Hosp.)
 - REL12-1. Pediatric Bone Tumor and Tumor Like Lesion Osamu Miyazaki (National Center for Child Health and Development)
 - REL12-2. Update on Imaging of Vascular Anomalies and Its Associated Syndromes Taiki Nozaki (St. Luke Hosp.)

- Educational Lecture 13: April 16 (Fri.) 8:00-9:00 (313+314)
 - 「Musculoskeletal Radiology 1」 Moderator: Tsutomu Inaoka (Toho Univ. Sakura Medical Center)
 - REL13-1. Anatomy of the Shoulder Joint Daisuke Amano (Meirikai Chuo General Hosp.)
 - REL13-2. Shoulder Joint: Case Review Manabu Arai (Keio Univ.)

- Educational Lecture 14: April 16 (Fri.) 8:00-9:00 (F205+206)
 「Interventional Radiology 1」 Moderator: Munehiro Sugiyama (Ota Memorial Hosp.)
 REL14-1. Knowledge of Devices Required for Visceral Aneurysms Toru Saguchi (Tokyo Medical Univ.)
 REL14-2. Development of New Interventional Medical Devices Terumitsu Hasebe (Tokai Univ.)
- Educational Lecture 15: April 17 (Sat.) 8:00-9:00 (National Convention Hall)
 「[MOC Requirements] Radiation Safety Protection 1」 Moderator: Kazuo Awai (Hiroshima Univ.)
 REL15-1. DRLs 2020 Makoto Hosono (Kindai Univ.)
 REL15-2. Safe Use of Iodinated Contrast Media Hiromitsu Hayashi (Nippon Medical Sch.)
- Educational Lecture 16: April 17 (Sat.) 8:00-9:00 (Main Hall)
 「[MOC Requirements] Quality of Medical Care: Radiotherapy」 Moderator: Toshinori Soejima (Kobe Proton Center)
 REL16-1. Quality of Medical Care: Radiotherapy Michiko Imai (Iwata City Hosp.)
- Educational Lecture 17: April 17 (Sat.) 8:00-9:00 (301)
 「Neuroradiology 2」 Moderator: Hitoshi Miki (Ehime Prefectural Central Hosp.)
 REL17-1. Demyelinating Diseases with Viral Infection Minako Azuma (Miyazaki Univ.)
 REL17-2. Demyelinating Disorders Due to Metabolic Abnormalities, Poisoning, and Drugs
 Taisuke Harada (Hokkaido Univ. Hosp.)
- Educational Lecture 18: April 17 (Sat.) 8:00-9:00 (302)
 「Chest Radiology 2」 Moderator: Shuji Sakai (Tokyo Women's Medical Univ.)
 REL18-1. TNM Classification and Stage Groupings of Lung Cancers using UICC Version 8
 Masaki Hara (Nagoya City West Medical Center)
 REL18-2. Imaging Characteristics with Driver Gene Mutant and PD-L1-positive Non-small Cell Lung Cancer
 Masahiro Endo (Chiba Univ.)
- Educational Lecture 19: April 17 (Sat.) 8:00-9:00 (303)
 「Gastrointestinal Radiology 2」 Moderator: Kousei Ishigami (Kyushu Univ.)
 REL19-1. Imaging of Pancreatic Adenocarcinoma Akihiko Kanki (Kawasaki Medical Sch.)
 REL19-2. Imaging Diagnosis of Rare Histologic Types of Pancreatic Cancer Mayumi Higashi (Yamaguchi Univ.)
- Educational Lecture 20: April 17 (Sat.) 8:00-9:00 (304)
 「Radiation Oncology 3」 Moderator: Michio Yoshimura (Kyoto Univ.)
 REL20-1. Postoperative Radiotherapy after Breast Conserving Surgery Yasushi Hamamoto (Shikoku-Cancer Center)
 REL20-2. Post-Mastectomy Radiation Therapy (PMRT) Naoko Sanuki (Yokkaichi Municipal Hosp.)
- Educational Lecture 21: April 17 (Sat.) 8:00-9:00 (311+312)
 「Nuclear Medicine 2」 Moderator: Munenobu Nogami (Kobe Univ. Hosp.)
 REL21-1. Diagnosis of Lung Cancer Recurrence: the Clinical Role of FDG-PET/CT
 Hayato Kaida (Kindai Univ. Hosp.)
 REL21-2. Current Clinical Status of ¹⁸F-FDG PET/CT for Evaluation of Treatment Response to Immunotherapy in
 Non-small Cell Lung Cancer Masatoyo Nakajo (Kagoshima Univ.)
- Educational Lecture 22: April 17 (Sat.) 8:00-9:00 (313+314)
 「Head and Neck Radiology 2」 Moderator: Yusuke Uchiyama (Kurume Univ.)
 REL22-1. Perineural Tumor Spread Associated with Head and Neck Malignancies
 Yu Murakami (Univ. of Occupational and Environmental Health)
 REL22-2. PET in Head and Neck Cancer Tetsuro Sekine (Nippon Medical Sch. Musashi-Kosugi Hosp.)
- Educational Lecture 23: April 17 (Sat.) 8:00-9:00 (F205+206)
 「Interventional Radiology 2」 Moderator: Koji Sugimoto (Kobe Univ.)
 REL23-1. The Necessary Basic Knowledge to Perform Endovascular Treatment for Peripheral Artery Disease
 Katsutoshi Takayama (Kouseikai Takai Hosp.)
 REL23-2. EVT Procedures for Peripheral Artery Disease Akira Ikoma (Wakayama Univ.)

- Educational Lecture 24: April 17 (Sat.) 17:00-18:00 (304, Satellite: 303)
 「Radiation Oncology 4」
 REL24-1. Radiation Therapy for Prostate Cancer
 Moderator: Tatsuya Ohno (Gunma Univ.)
 Shigeyuki Takamatsu (Kanazawa Univ. Hosp.)

- Educational Lecture 25: April 18 (Sun.) 8:00-9:00 (Main Hall)
 「[MOC Requirements] Radiation Safety Protection 2」
 REL25-1. Radiation Regulations ~ Recent Trends and What's New ~
 REL25-2. Radiation Safety Guideline for Medical Personnel and Patient
 Moderator: Toshi Abe (Kurume Univ.)
 Shigeo Fukano (Nuclear Regulation Authority)
 Kazuko Ohno (Kyoto Col. of Medical Science)

- Educational Lecture 26: April 18 (Sun.) 8:00-9:00 (301)
 「Neuroradiology 3」
 REL26-1. Hypoxia/ Ischemia/ Microvascular Injury
 REL26-2. Hereditary Demyelinating Diseases of the CNS
 Moderator: Reiichi Ishikura (Kobe City Medical Center General Hosp.)
 Shunji Mugikura (Tohoku Medical Megabank Organization, Tohoku Univ.)
 Takashi Abe (Nagoya Univ.)

- Educational Lecture 27: April 18 (Sun.) 8:00-9:00 (302)
 「Genitourinary Radiology 2」
 REL27-1. Why Have Ovarian Tumor, Fallopian Tube Cancer, and Primary Peritoneal Cancer Been Combined in “the General Rules” ?
 REL27-2. The Role of Imaging in the Pre-operative Staging of Ovarian Tumor Based on the Guidelines
 Moderator: Junko Takahama (Higashiosaka City Medical Center)
 Takako Kiyokawa (The Jikei Univ.)
 Go Nakai (Osaka Medical Col.)

- Educational Lecture 28: April 18 (Sun.) 8:00-9:00 (303)
 「Cardiac Radiology 2」
 REL28-1. Pulmonary Thromboembolism and Deep Vein Thrombosis.
 REL28-2. Aortic Dissection-What Should Radiologists Know for This “Dynamic” Disease When Making a Decision about the Optimal Treatment?
 Moderator: Teruhito Kido (Ehime Univ.)
 Tatsuhiko Sato (Niigata Univ.)
 Yoshiaki Watanabe (Kobe Univ.)

- Educational Lecture 29: April 18 (Sun.) 8:00-9:00 (304)
 「Radiation Oncology 5」
 REL29-1. Radiation Therapy for Benign Diseases
 REL29-2. Radiation Therapy for Intracranial Benign Diseases–Mainly Benign Tumors
 Moderator: Tomoki Kimura (Kochi Medical Sch. Hosp.)
 Takeshi Ebara (Kyorin Univ.)
 Hidefumi Aoyama (Hokkaido Univ.)

- Educational Lecture 30: April 18 (Sun.) 8:00-9:00 (311+312)
 「Pediatric Radiology 2」
 REL30-1. Skeletal Dysplasia
 REL30-2. Diagnostic Imaging of Traumatic Fractures in Children.
 Moderator: Osamu Miyazaki (National Center for Child Health and Development)
 Yutaka Tanami (Saitama Children's Medical Center)
 Hidekazu Aoki (Tohoku Univ.)

- Educational Lecture 31: April 18 (Sun.) 8:00-9:00 (313+314)
 「Musculoskeletal Radiology 2」
 REL31-1. Radiology of Metabolic Bone Disorders
 REL31-2. Systemic Disease: Spinal Point of View
 Moderator: Hajime Fujimoto (Chiba Univ. Hosp.)
 Hideharu Sugimoto (Shin-Kaminokawa Hosp.)
 Harushi Mori (Jichi Univ.)

- Educational Lecture 32: April 18 (Sun.) 8:00-9:00 (F205+206)
 「Interventional Radiology 3」
 REL32-1. Current Status and Future Challenges of Percutaneous Vertebroplasty (PVP)
 REL32-2. Interventional Radiology as a Palliative Therapy for Metastatic Bone Tumor.
 Moderator: Noboru Tanigawa (Kansai Medical Univ.)
 Tomoyuki Noguchi (NHO Kyushu Medical Center)
 Yasunori Arai (National Cancer Center Hosp. East)

- Educational Lecture 33: April 18 (Sun.) 15:00-16:00 (Main Hall)
 「[MOC Requirements] Medical Ethics」
 REL33-1. Hunan Research Regulations, Up to Date: Revised Ethical Guidelines and Clinical Trial Act
 Moderator: Kohsuke Kudo (Hokkaido Univ.)
 Chieko Kurihara (QST)

- Educational Lecture 34: April 18 (Sun.) 15:00-16:00 (301)
 「Chest Radiology 3」
 Moderator: Takeshi Johkoh (Kansairosai Hosp.)
 REL34-1. Quantitative Analysis and AI Analysis for Diagnostic Imaging of Pulmonary Nodules
 Masahiro Yanagawa (Osaka Univ.)
 REL34-2. Response Evaluation and Complications after Therapy for Lung Cancer
 Hidetake Yabuuchi (Kyushu Univ.)

- Educational Lecture 35: April 18 (Sun.) 15:00-16:00 (302)
 「Gastrointestinal Radiology 3」
 Moderator: Hiroyuki Irie (Saga Univ.)
 REL35-1. Imaging of Pancreatic and Peripancreatic Diseases Mimicking Primary Pancreatic Cancer
 Katsuhiko Sano (Juntendo Univ.)
 REL35-2. Pancreatic Cancer: What the Surgeon Wants to Know
 Nobuhiro Fujita (Kyushu Univ.)

- Educational Lecture 36: April 18 (Sun.) 15:00-16:00 (303)
 「Nuclear Medicine 3」
 Moderator: Ukihide Tateishi (Tokyo Medical and Dental Univ.)
 REL36-1. Pitfalls of FDG-PET/CT in the Response Evaluation of Lymphoma
 Koya Nakatani (Kurashiki Central Hosp.)
 REL36-2. Clinical Utility of PET-CT in Management of Lymphoma from a Hematologist Point of View
 Koji Izutsu (National Cancer Center Hosp.)

- Educational Lecture 37: April 18 (Sun.) 15:00-16:00 (304)
 「Radiation Oncology 6」
 Moderator: Shinya Hayashi (Fujita Health Univ.)
 REL37-1. Targeted Radioisotope Therapy. The Present Status in Japan and Future Perspectives
 Tatsuya Higashi (NIRS, QST)
 REL37-2. Radioisotope Internal Therapy -From the Viewpoint of a Radiation Oncologist-
 Katsumasa Nakamura (Hamamatsu Univ.)

- Educational Lecture 38: April 18 (Sun.) 15:00-16:00 (311+312)
 「Breast Imaging 2」
 Moderator: Shuichi Monzawa (Shinko Hosp.)
 REL38-1. Diffusion-weighted MRI of the Breast
 Mami Iima (Kyoto Univ.)
 REL38-2. AI in Breast Imaging
 Masako Kataoka (NMDI)

指導者講習

- 指導者講習 : April 17 (Sat.) 9:30-10:30 (F205+206)
 RLT1. 日本専門医機構と放射線科(1) : 放射線科専門研修プログラム作成と更新について
 Yasushi Kaji (Dokkyo Medical Univ.)

- 指導者講習 : April 18 (Sun.) 15:00-16:00 (F205+206)
 RLT2. 日本専門医機構と放射線科(2) : 放射線科専門研修で満たすべき要件とサブスペシャリティ研修について
 Kei Takase (Tohoku Univ.)

Luncheon Seminar

- Luncheon Seminar 1: April 16 (Fri.) 12:20-13:10 (Main Hall)
「Contrast-enhanced CT Theory of Liver in Era of DE-CT/low-KV CT: Consideration of Iodine Dose, Reduce? not Reduce?」
Moderator: Takamichi Murakami (Kobe Univ.)
Tomoaki Ichikawa (Gunma Univ.)

Sponsored by: GE HealthcarePharma Limited
- Luncheon Seminar 2: April 16 (Fri.) 12:20-13:10 (301)
「Change the standard: Expanding possibilities in MRI」
Moderator: Toshinori Hirai (Kumamoto Univ.)
Shigeru Kiryu (International Univ. of Health)
Yoshiharu Ohno (Fujita Health Univ.)
1. New approaches to improve MR image quality
2. State-of-the Art MR Imaging provided by Canon Medical Systems
Sponsored by: CANON MEDICAL SYSTEMS CORPORATION
- Luncheon Seminar 3: April 16 (Fri.) 12:20-13:10 (302)
「Optimum contrast injection for abdominal CT」
Moderator: Yasunari Fujinaga (Shinshu Univ.)
Satoshi Goshima (Hamamatsu Univ. School of Medicine)

Sponsored by: Eisai Co., Ltd.
- Luncheon Seminar 4: April 16 (Fri.) 12:20-13:10 (303)
「The dawn of the Intelligent CT era」
Moderator: Hiroya Ojiri (The Jikei Univ.)
Yusuke Morimitsu (Okayama Univ. Hosp.)
Makiko Koike (ONGA Hosp.)

Sponsored by: Siemens Healthcare K.K.
- Luncheon Seminar 5: April 16 (Fri.) 12:20-13:10 (304)
「Philips CT/MR brings Precision Diagnosis」
Moderator: Kousei Ishigami (Kyusyu Univ.)
1. Changes in Brain MR Imaging Introduced by Elition 3.0T
Kazuhiro Tsuchiya (Saitama Medical Center, Saitama Medical Univ.)
2. Advances in cardiac CT imaging by IQon Spectral CT
Yuzo Yamasaki (Kyusyu Univ.)
Sponsored by: Philips Japan, Ltd.
- Luncheon Seminar 6: April 16 (Fri.) 12:20-13:10 (311+312)
「Development of chest diagnostic imaging support using AI technology (deep learning)」
Moderator: Kazuto Ashizawa (Nagasaki Univ.)
1. Utilization of Automatic Detection Algorithm for Abnormal Lesions on Chest Radiographs
Hidekazu Hattori (Fujita Medical Univ.)
2. Imaging AI technology for diffuse lung diseases
Tomohisa Baba (Kanagawa Cardiovascular and Respiratory Disease Center)
Sponsored by: FUJIFILM Medical Co., Ltd.
- Luncheon Seminar 7: April 16 (Fri.) 12:20-13:10 (313+314)
「Expansion of AI technology "REiLI" into the field of radiotherapy ~ Usage evaluation of SYNAPSE Radiotherapy ~」
Moderator: Keiichi Nakagawa (The Univ. of Tokyo)
1. The evaluation of clinical usefulness of SYNAPSE Radiotherapy
Yuki Nozawa (The Univ. of Tokyo Hosp.)
2. The expectation for SYNAPSE Radiotherapy from a radiation therapist's point of view
Keiichi Nakagawa (The Univ. of Tokyo)
Sponsored by: FUJIFILM Medical Solutions Corporation
- Luncheon Seminar 8: April 16 (Fri.) 12:20-13:10 (315)
「Introduction of Radiation Therapy System, Radixact Helical kVCT Imaging System "ClearRT"」
Moderator: Masayuki Matsuo (Gifu Univ.)
Hiroyuki Kosaka (Accuray Japan K.K.)

Sponsored by: Accuray Japan K.K.

- Luncheon Seminar 9: April 16 (Fri.) 12:20-13:10 (413)
 [Possibility of Parametric Imaging] Moderator: Harushi Mori (Jichi Medical Univ.)
 1. Functional Image x AI Technology -Lead to Imaging Biomarkers- Akihiro Kikuchi (Hokkaido Univ. of Science)
 2. Value of Imaging Biomarkers in Prostate Cancer Yasuhide Miyoshi (Yokohama City Univ. Medical Center)
 Sponsored by: FUJIFILM Toyama Chemical Co.,Ltd.
- Luncheon Seminar 10: April 16 (Fri.) 12:20-13:10 (F205+206)
 [Recent topic of artificial intelligence in neuroradiology] Moderator: Osamu Abe (Univ. of Tokyo)
 Yoshiyuki Watanabe (Shiga Univ. of Medical Science)
 Sponsored by: Bayer Yakuhin, Ltd.
- Luncheon Seminar 11: April 17 (Sat.) 12:20-13:10 (Main Hall)
 [Clinical Advancements in Area Detector CT – An Evaluation of Qualitative and Quantitative Diagnostic Challenges] Moderator: Toshinori Hirai (Kumamoto Univ.)
 1. Current status and clinical applications of deep learning-based Spectral CT Haruhiko Machida (Kyorin Univ.)
 2. Diagnosis of myocardial ischemia using area detector CT Teruhito Kido (Ehime Univ.)
 3. Deep Learning Reconstruction -High Image Quality to Super Resolution- Kazuo Awai (Hiroshima Univ.)
 Sponsored by: CANON MEDICAL SYSTEMS CORPORATION
- Luncheon Seminar 12: April 17 (Sat.) 12:20-13:10 (301)
 [Cutting edge Revolution CT technology for clinical outcome] Moderator: Kenichi Yokoyama (Kyorin Univ.)
 1. Revolution CT for Cardiovascular Imaging Tatsuya Nishii (National Cerebral and Cardiovascular Center)
 2. The new clinical value of CT image with dual energy and deep learning image reconstruction
 Fuminari Tatsugami (Hiroshima Univ. Hosp.)
 Sponsored by: GE Healthcare Japan Corporation
- Luncheon Seminar 13: April 17 (Sat.) 12:20-13:10 (302)
 [Impact of cerebrovascular disease in dementia] Moderator: Hiroshi Matsuda (Southern TOHOKU Research Institute for Neuroscience Cyclotron and Drug
 Discovery Research Center)
 Masafumi Ihara (National Cerebral and Cardiovascular Center)
 Sponsored by: Eisai Co., Ltd.
- Luncheon Seminar 14: April 17 (Sat.) 12:20-13:10 (303)
 [New development of nuclear medicine techniques in prostate cancer metastasis] Moderator: Yoshifumi Sugawara (NHO Shikoku Cancer Center)
 Yuji Nakamoto (Kyoto Univ.)
 Sponsored by: Nihon Medi-Physics Co., Ltd.
- Luncheon Seminar 15: April 17 (Sat.) 12:20-13:10 (304)
 [Key points in abdominal diagnostic Imaging] Moderator: Takamichi Murakami (Kobe Univ.)
 1. Interventional Radiology learned from conference Toshihiro Tanaka (Nara Medical Univ.)
 2. Abdominal radiology learned from daily clinical practice Kousei Ishigami (Kyushu Univ.)
 Sponsored by: Guerbet Japan KK
- Luncheon Seminar 16: April 17 (Sat.) 12:20-13:10 (311+312)
 [Image diagnosis support function using AI technology in the bone and soft tissue area] Moderator: Takatoshi Aoki (Univ. of Occupational and Environmental Health)
 1. Usefulness of AI technology supporting image diagnostic for fracture Minako Azuma (Miyazaki Univ.)
 2. Fully automatic 3D image analysis of knee MRI : From understanding the pathogenesis of osteoarthritis to evaluating
 regenerative medicine Ichiro Sekiya (Tokyo Medical and Dental Univ.)
 Sponsored by: FUJIFILM Medical Co., Ltd.

- Luncheon Seminar 17: April 17 (Sat.) 12:20-13:10 (313+314)
 「Present and Future of Cardiac Imaging」
 Moderator: Hajime Sakuma (Mie Univ.)
 1. Advances in Cardiovascular Therapy and What Cardiologists Expect from Diagnostic Imaging
 Takeshi Maruo (Kurashiki Central Hosp.)
 2. Essentials of cardiac imaging in daily clinical practice
 Hideki Ota (Tohoku Univ.)
 Sponsored by: Ziosoft, Inc. / AMIN Co.,Ltd.
- Luncheon Seminar 18: April 17 (Sat.) 12:20-13:10 (315)
 「Beyond Chest CT: Systemic Complications of COVID-19 Patients」
 Moderator: Daisuke Utsunomiya (Yokohama City Univ.)
 Noriko Manabe (Saitama Medical Center, Jichi Medical Univ.)
 Sponsored by: GE HealthcarePharma Limited
- Luncheon Seminar 19: April 17 (Sat.) 12:20-13:10 (F205+206)
 「The Practice of Radiation Therapy for Malignant Pleural Mesothelioma at Kyoto University」
 Moderator: Keiko Shibuya (Osaka City Univ.)
 Yukinori Matsuo (Kyoto Univ.)
 Sponsored by: Varian Medical Systems K.K.
- Luncheon Seminar 20: April 18 (Sun.) 12:20-13:10 (Main Hall)
 「Evolution of AIR™ and clinical application of MR deep learning」
 Moderator: Satoshi Goshima (Hamamatsu Univ. School of Medicine)
 1. Neuro Imaging
 Hirokazu Fujiwara (Keio Univ.)
 2. Body Imaging
 Hiromitsu Onishi (Osaka Univ.)
 Sponsored by: GE Healthcare Japan Corporation
- Luncheon Seminar 21: April 18 (Sun.) 12:20-13:10 (301)
 「Risk management in MRI examination」
 1. Clinical experience with new MR Injection System “MRXperion”
 Yoshiomi Sato (Saitama City Hosp.)
 2. Cautionary notes in MRI examination – mainly about preventing extravasation
 Ryohei Kuwatsuru (Juntendo Univ.)
 Sponsored by: Bayer Yakuhin, Ltd.
- Luncheon Seminar 22: April 18 (Sun.) 12:20-13:10 (302)
 「Safe use of contrast agents: including rare adverse effects」
 Moderator: Takamichi Murakami (Kobe Univ.)
 Yoshito Tsushima (Gunma Univ.)
 Sponsored by: Eisai Co., Ltd.
- Luncheon Seminar 23: April 18 (Sun.) 12:20-13:10 (303)
 「High-V MRI value beyond barriers」
 Moderator: Shinji Naganawa (Nagoya Univ.)
 Felix Mueller-Witt (Siemens AG)
 Rafael Heiß (Univ. Hosp. Erlangen)
 Sponsored by: Siemens Healthcare K.K.
- Luncheon Seminar 24: April 18 (Sun.) 12:20-13:10 (304)
 「cardiac MRI as gatekeeper」
 Moderator: Hajime Sakuma (Mie Univ.)
 1. Diagnosis of non-ischemic cardiomyopathy
 Seitaro Oda (Kumamoto Univ.)
 2. Inflammatory cardiac diseases: COVID-19 affect the heart
 Noriko Oyama-Manabe (Jichi Medical Univ.)
 Sponsored by: Guerbet Japan KK
- Luncheon Seminar 25: April 18 (Sun.) 12:20-13:10 (311+312)
 「Benign renal tumors: imaging spectrum of renal oncocytomas」
 Moderator: Kengo Yoshimitsu (Fukuoka Univ.)
 Kousei Ishigami (Kyushu Univ.)
 Sponsored by: Fuji Pharma Co.,Ltd.

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- Luncheon Seminar 26: April 18 (Sun.) 12:20-13:10 (313+314)
[Approaches to dose reduction for experts - from overview to next steps with Azurion]
Moderator: Hajime Sakamoto (Juntendo Faculty of Health Science)
 1. Utilize “Azurion” in the Age of DRL ~ Impact on image quality and dose reduction ~
Satoru Kawauchi (Toranomon Hosp.)
 2. The Azurion System Improves the Environment of the Cath Lab Kazuma Matsumoto (Hyogo Col. of Medicine)Sponsored by: Philips Japan, Ltd.

 - Luncheon Seminar 27: April 18 (Sun.) 12:20-13:10 (315)
[Clinic and research experience of uExplorer]
Moderator: Hiroshi Toyama (Fujita Health Univ.)
Lorenzo Nardo (UC Davis Comprehensive Cancer Center)
Sponsored by: United Imaging Healthcare Japan Co., Ltd.

 - Luncheon Seminar 28: April 18 (Sun.) 12:20-13:10 (F205+206)
[Future prospects of Blood Biomarkers and PET Imaging in Dementia]
Moderator: Kengo Ito (National Center for Geriatrics and Gerontology)
 1. Blood-based biomarkers for dementia: Current status and future directions
Akinori Nakamura (National Center for Geriatrics and Gerontology)
 2. Future prospects of Dedicated Brain PET Imaging for Diagnosis of Dementia Kazunari Ishii (Kindai Univ.)Sponsored by: SHIMADZU CORPORATION