

| Venue                                |              | 8 : 00 | 9 : 00 | 10 : 00       | 11 : 00  | 12 : 00 | 13 : 00 |
|--------------------------------------|--------------|--------|--------|---------------|--|---------|---------|
| Pacifico Yokohama, Conference Center | Main Hall    |        |        |               |  |         |         |
|                                      | 501          |        |        |               |  |         |         |
|                                      | 502          |        |        |               |  |         |         |
|                                      | 503          |        |        |               |  |         |         |
|                                      | 413          |        |        |               |  |         |         |
| Pacifico Yokohama, Annex Hall        | F203+204     |        |        | 10:00         | JRS project CT Colonography Training Course 2015 |         |         |
|                                      | F205+206     |        |        | 10:00         | JRS project CT Colonography Training Course 2015 |         |         |
|                                      | F201         |        |        |               |  |         |         |
|                                      | F202         |        |        |               |  |         |         |
| National Convention Hall             | Marine Lobby |        | 9:00   | CyPos Viewing |  |         |         |
| Exhibition Hall                      | Hall A ~ D   |        |        |               |  |         |         |

| 13:00  |  | 14:00   |  | 15:00  |  | 16:00  |  | 17:00   |  | 18:00   |       | 19:00 |              |              |
|--|--|---|--|--|--|--|--|---|--|---|-------|-------|--------------|--------------|
|  |  |   |  |  |  |  |  |   |  |   |       |       | Main Hall    |              |
| 14:00  |  | 14:40   |  | 15:30  |  | 16:10  |  | 16:50   |  |   |       |       |              | 501          |
|  |  | Nuclear Medicine Dopamine transporter : imaging technique (1-4)<br>C: A. Watanabe         |  | Nuclear Medicine Dopamine transporter : image processing (5-9)<br>C: T. Iimori |  | Nuclear Medicine Heart : Multi-focus fan beam collimator, image reconstruction (10-13)<br>C: T. Ueda |  | Nuclear Medicine Heart : function analysis, evaluation (14-17)<br>C: M. Tachi   |  |   |       |       |              |              |
| 14:00  |  | 15:00   |  | 16:00  |  | 16:30  |  | 17:20   |  |   |       |       |              | 502          |
|  |  | MR Musculoskeletal (artifact reduction) (18-23)<br>C: K. Morita                           |  | MR Musculoskeletal (measurement, vessel) (24-29)<br>C: Y. Takakura             |  | MR Musculoskeletal (elastography) (30-32)<br>C: N. Tawara  |  | MR Spine (33-37)<br>C: S. Kitamura  |  |   |       |       |              |              |
| 14:00  |  | 14:40   |  | 15:30  |  | 16:20  |  | 17:20   |  |   |       |       |              | 503          |
|  |  | CT Cardiac CT (contrast enhanced) (38-41)<br>C: Y. Kogure                                 |  | CT Cardiac CT (temporal resolution) (42-46)<br>C: H. Yoshida                   |  | CT Iterative reconstruction (47-51)<br>C: T. Ishihara  |  | CT Head CT (52-57)<br>C: T. Hirano  |  |   |       |       |              |              |
| 14:00  |  | 14:50   |  | 15:30  |  | 16:10  |  | 16:50   |  | 17:40   |       |       |              | 413          |
|  |  | X-ray Upper and lower limb (58-62)<br>C: H. Matsuzawa                                     |  | X-ray Angiography (image) (63-66)<br>C: M. Yamamoto                            |  | X-ray Protection (physician) (67-70)<br>C: H. Sakamoto   |  | X-ray Tomosynthesis (71-74)<br>C: M. Nakajima   |  | Collaborative session Musculoskeletal (hip joint) (75-79)<br>C: K. Uchida |       |       |              |              |
| 13:30  |  | 14:00   |  | 14:40  |  | 15:30  |  | 16:30   |  | 17:00   |       |       |              | F203+<br>204 |
|  |  | Radiation Protection Radiation, protection (physician) (80-83)<br>C: Y. Asada             |  | Radiation Protection Medical safety (84-88)<br>C: T. Minamoto                  |  | Radiation Protection Radiation (angiography) (89-94)<br>C: H. Kato                                   |  | Radiation Protection Education (95-97)<br>C: K. Chida   |  |   |       |       |              |              |
| JRS project CT Colonography Training Course 2015 |  |   |  |  |  |  |  |   |  | 17:30   |       |       |              | F205+<br>206 |
| 14:00  |  | 16:30   |  |  |  |  |  | 17:30   |  | 18:00   |       |       |              | F201         |
|  |  | Oral Presentations by Selected Students<br>C: Y. Ishimori, T. Negishi, A. Asaga, K. Koike |  |  |  |  |  | Special Lectures for Students [Value Both Clinical and Research]<br>C: T. Gomi<br>P: K. Okumura, Y. Watanabe, T. Hara |  | Student Awards Ceremony   |       |       |              |              |
|  |  |   |  |  |  |  |  |   |  |   |       |       | F202         |              |
| CyPos Viewing                                    |  |   |  |  |  |  |  |   |  |   | 19:00 |       | Marine Lobby |              |
|  |  |   |  |  |  |  |  |   |  |   |       |       | Hall A~D     |              |

| Venue                                |                                       | 8 : 00  | 9 : 00   | 10 : 00   | 11 : 00   | 12 : 00   | 13 : 00  |
|--------------------------------------|---------------------------------------|---|--|---|---|---|--|
| Pacifico Yokohama, Conference Center | Main Hall                             |   |  |   |   |   |  |
|                                      | 501                                   | 8:00 (p.108) 8:45<br><b>AL 1</b><br>(Nuclear Medicine)<br>[Cobalt-57 Flood Sources for Quality Control of Gamma Cameras]<br>P: H. Tsushima                    | 8:50 (p.88) 9:50<br><b>EL 1</b><br>[Neuroimaging and Clinical Aspects of Parkinson Syndromes]<br>P: S. Hirano  | 10:00<br><b>70th. Nuclear Medicine Section Basic Lecture</b><br>The Work of The Nuclear Medicine Technologists Recommended by the Nuclear Medicine Physician<br><b>Mini-Symposium Series II</b><br>Necessary Knowledge and Techniques for Nuclear Medicine Examinations |   | 11:50 12:00 (p.104) 12:45<br><b>BL 2</b><br>(Nuclear Medicine)<br>[Pharmacokinetics and Radiation Exposure in the Radiopharmaceutical of Bone Scintigraphy]<br>P: S. Kawamura |  |
|                                      | 502                                   | 8:00 (p.104) 8:45<br><b>BL 1</b><br>(Patient Safety1)<br>[Image Quality Estimation and Quality Assurance for Magnetic Resonance Imaging]<br>P: Y. Ishimori    | 8:50 9:40<br><b>MR Pelvis</b><br>(108-112)<br>C: Y. Kanazawa   | 10:20<br><b>MR Image reconstruction</b><br>(113-116)<br>C: J. Hata  | 11:10<br><b>MR Imaging evaluation</b><br>(117-121)<br>C: T. Kimura  | 12:00 (p.114) 12:50<br><b>ATS 7</b><br>[The World of Small Animal Imaging for Preclinical Study]<br>P: J. Hata  |  |
|                                      | 503                                   | 8:00 (p.111) 8:50<br><b>ATS 1</b><br>[Progress in Emergency Technology]<br>P: K. Sakashita  | (p.87) 9:30<br><b>Symposium 3</b><br>[Evolving Chest Radiography - Available Technology Because It Is Digital -]<br>C: H. Hirano, F. Ando<br>P: M. Shimosegawa, M. Funahashi, M. Seki, M. Nakajima, M. Satoh |   | 10:50 (p.81) 11:50<br><b>Special Lecture 1</b><br>How to Learn and Teach Normal Chest Radiograph?<br>P: H. Itoh | 12:00 (p.112) 12:50<br><b>ATS 2</b><br>[How to Diagnose the Image in ER]<br>P: T. Funabiki  |  |
|                                      | 413                                   |   | 8:50 9:30<br><b>X-ray Exposure index</b><br>(139-142)<br>C: T. Takaki  | 10:30<br><b>X-ray Angiography (system)</b><br>(143-148)<br>C: T. Ichida   | 11:20<br><b>X-ray Cone beam CT</b><br>(149-153)<br>C: T. Gomi   |   |  |
|                                      | 414+415<br>(presentations at monitor) |   | 9:00 9:30<br><b>Imaging Monitor etc</b><br>(1001-1004)<br>C: K. Kishimoto  | 10:00<br><b>CT Cardiac CT (technique)</b><br>(1011-1014)<br>C: F. Kawamata  | 10:30<br><b>CT Cardiac CT (diagnostic)</b><br>(1021-1024)<br>C: H. Yamamoto                                     | 11:00<br><b>CT Cardiac CT (calcium score)</b><br>(1031-1034)<br>C: M. Goto  | 11:30<br><b>CT Head and neck CT (technique)</b><br>(1041-1044)<br>C: T. Sasaki                               |
|                                      | 416+417<br>(presentations at monitor) |   | 9:00 9:30<br><b>Radiation Protection Management, others</b><br>(1081-1084)<br>C: A. Tsukamoto  | 10:00<br><b>MR Head (T1 contrast)</b><br>(1091-1094)<br>C: E. Toyoshima   | 10:30<br><b>MR Head (T1 contrast)</b><br>(1101-1103)<br>C: E. Toyoshima   | 11:00<br><b>MR Head (vessel)</b><br>(1111-1113)<br>C: K. Sasaki   | 11:30<br><b>MR Head (vessel)</b><br>(1121-1123)<br>C: K. Sasaki  |
| Pacifico Yokohama, Annex Hall        | F203+204                              |   | 8:50 9:40<br><b>CT Image quality assessment</b><br>(170-174)<br>C: T. Hara   | 10:20<br><b>CT Chest CT</b><br>(175-178)<br>C: T. Hagiwara  | 11:00<br><b>CT Management radiation dose</b><br>(179-182)<br>C: K. Sato   | 11:50 12:00 (p.115) 12:50<br><b>CT colonography</b><br>(183-187)<br>C: W. Funayama  | <b>ATS 9</b><br>[Suggestion Using the 3D Printer in the Hospital]<br>P: H. Goto                              |
|                                      | F201                                  | 8:00 (p.108) 8:45<br><b>AL 2</b><br>(Radiation Protection)<br>[New Dose Limit for the Lens of the Eye: Outline and Forthcoming Challenges]<br>P: K. Matsubara | 8:50 (p.89) 9:50<br><b>EL 2</b><br>[The Current Situation in the Fukushima Daiichi Nuclear Power Plant After the Accident]<br>P: T. Yusa   | 10:00<br><b>40th. Radiation Protection Section</b><br>Essential Knowledge about Neutrons: From Basic to Application   |   | 11:50 12:00 (p.104) 12:45<br><b>BL 3</b><br>(Radiation Protection)<br>[Let's Understand the Diagnostic Reference Levels (DRLs)]<br>P: T. Igarashi                             |  |
|                                      | F202                                  |   | 8:50 9:30<br><b>Radiotherapy Treatment technique</b><br>(219-222)<br>C: M. Hoshino   | 10:10<br><b>Radiotherapy QA, QC</b><br>(223-226)<br>C: H. Nanbu   | 11:00<br><b>Radiotherapy Dosimetry</b><br>(227-231)<br>C: N. Kuga   | 11:50 12:00 (p.115) 12:50<br><b>Radiotherapy Dosimetric technique</b><br>(232-236)<br>C: T. Sato  | <b>ATS 10</b><br>[Early Clinical Experience with Breast Brachytherapy Using New Applicator]<br>P: H. Shinjyo |
| National Convention Hall             | N101                                  |   |  |   |   |   |  |
|                                      | Marine Lobby                          | 7:15  | CyPos Viewing  |   |   |   |  |
| Exhibition Hall                      | Hall A~D                              |   | 9:30   | 10:00   | International Technical Exhibition of Medical Imaging (ITEM) 2015   |   |  |

| 13:00 | 14:00   | 15:00   | 16:00   | 17:00  | 18:00  | 19:00 |              |
|-------|---|---|---|--|--|-------|--------------|
| 13:00 | Opening Ceremony 14:00  | (p.76) 14:30<br>Joint Special Lecture<br>[Severe Earthquake Disaster in Tokyo Metropolitan Area and the Gigantic Earthquake Imagined by a Seismic Tomography Method]<br>P: N. Hirata  | 15:10 (p.76)<br>Joint Symposium 1<br>[Patient Dose in Radiology: Manage the Invisible]<br>C: T. Ishiguchi, K. Akahane<br>P: P. Ellenbogen, J. Damilakis, T. Igarashi, M. Doss | 17:10  |  |       | Main Hall    |
|       | 14:50   | (p.81) 15:50<br>Expert Lecture 1<br>[Research on Improving Image Quality and Image Evaluation with Nuclear Medical Images]<br>P: S. Kawamura  | 16:40<br>Nuclear Medicine<br>PET : basic (98-102)<br>C: G. Akamatsu   | 17:30<br>Nuclear Medicine<br>PET : correction, reconstruction (103-107)<br>C: K. Miwa    |  |       | 501          |
|       | 14:50   | MR Safety (122-127)<br>C: H. Muranaka   | 16:50<br>MR Flow analysis (128-133)<br>C: T. Okigawa  | 17:40<br>MR Head (measurement) (134-138)<br>C: T. Kanazawa                               |  |       | 502          |
|       | 14:50   | (p.128) 15:50<br>Patient Safety Forum<br>[Visualization of the Patient Safety Practice Utilized in the Medical Field]<br>P: Y. Satoh, K. Higashimura, T. Hamada   | (p.85) 16:50<br>Symposium 2<br>[Up-to-date Medical Imaging]<br>C: T. Miyati<br>P: K. Ichikawa, K. Ohashi, T. Hashimoto, H. Hashimoto, Y. Machida                              | 17:50  |  |       | 503          |
|       | 14:50   | 15:40<br>Imaging Image processing etc (154-158)<br>C: R. Katayama   | 16:30<br>Imaging Image evaluation (mammography etc) (159-163)<br>C: R. Ishii  | 17:30<br>Collaborative session Musculoskeletal (measurement) (164-169)<br>C: A. Yamamoto |  |       | 413          |
|       | 14:50   | 15:20<br>CT Chest CT (technique) (1051-1054)<br>C: S. Nishiike  | 15:50<br>CT Abdominal CT (technique) (1061-1064)<br>C: R. Kikumoto  | 16:20<br>CT Orthopedics CT (1071-1074)<br>C: K. Kazama                                   |  |       | 414+<br>415  |
|       | 14:50   | 15:20<br>X-ray DR, etc (1131-1134)<br>C: H. Miyake  | 15:50<br>X-ray DR, etc (1141-1144)<br>C: H. Miyake  |  |  |       | 416+<br>417  |
|       | 14:50   | 15:50<br>CT Trauma CT (188-193)<br>C: N. Yanagawa   | 16:20<br>CT Abdominal CT (194-196)<br>C: S. Yoshikawa   | 17:10<br>CT Dose reduction (management radiation dose) (197-201)<br>C: Y. Muramatsu      | 17:50<br>CT Dose reduction (202-205)<br>C: T. Takagi |       | F203+<br>204 |
|       | 14:50   | 15:40<br>Radiation Protection Radiation, protection (CT) (206-210)<br>C: K. Matsubara   | 16:10<br>Radiation Protection Environmental radiation (211-213)<br>C: T. Fujibuchi  | 17:00<br>Radiation Protection Dosimeter, evaluation (214-218)<br>C: S. Koyama            |  |       | F201         |
|       | 14:50   | (p.120)<br>Scientific Sections Symposium<br>[The Efficacy of Interpretation Support of Radiogram is a Research Theme as JSRT]<br>C: T. Doi<br>P: T. Doi, J. Shiraishi, H. Tsushima, T. Arij, T. Nishikawa, E. Unai, K. Hanai, K. Noto, Y. Hirofuji, M. Kawamata | 16:50   |  |  |       | F202         |
|       | 14:50   | Special Class by MD. Harumi Itoh<br>Practice: How to Learn and Teach Normal Chest Radiograph?   |   |  | 17:30  |       | N101         |
|       | CyPos Viewing   |   |   |  |  | 19:00 | Marine Lobby |
|       | International Technical Exhibition of Medical Imaging (ITEM) 2015 |   |   |  | 17:00  |       | Hall A~D     |

|                                      | Venue                              | 8 : 00  | 9 : 00   | 10 : 00   | 11 : 00   | 12 : 00   | 13 : 00   |
|--------------------------------------|------------------------------------|---|--|---|---|---|---|
| Pacifico Yokohama, Conference Center | Main Hall                          |   |  |   |   |   |   |
|                                      | 501                                | 8:00 (p.109) 8:45<br><b>AL 3 (Communication)</b><br>[The Educational Current State of the Technology Corresponding to a Patient]<br>P: K. Hishiki                               | 8:50 (p.89) 9:50<br><b>EL 3</b><br>[Image Diagnostic Technology for Fractures Contributes to Quality Of Life]<br>P: T. Matsushita  | 10:00<br><b>64th. Radiation Imaging Section</b><br>Pursuing Better Imaging Techniques in Radiology: No.123, The Radiological Imaging Techniques and Patients QOL. (Due to the Fracture of the high Energy Trauma) |   | 11:50 12:00 (p.116) 12:50<br><b>ATS 12</b><br>[Let's Take Advantage of the Image]-Digital Radiography-]<br>P: R. Yuji       |   |
|                                      | 502                                | 8:00 (p.109) 8:45<br><b>AL 4 (Imaging)</b><br>[Some Useful Tips for the Evaluation of Clinical Image Quality - A Path for Becoming a Successful Researcher -]<br>P: R. Katayama | 8:50 (p.89) 9:50<br><b>EL 4</b><br>[Expansion of Tomosynthesis - Principal and Application -]<br>P: T. Shiomi  | 10:00<br><b>77th. Imaging Section</b><br>Complete Understanding of Tomosynthesis : From Basic Theory to the Clinical Image Evaluation   |   | 11:50 12:00 (p.105) 12:45<br><b>BL 5 (Imaging)</b><br>[Basis of X-ray Image Formation]<br>P: M. Terabe                      |   |
|                                      | 503                                | 8:00 (p.112) 8:50<br><b>ATS 3</b><br>[Understanding of Radiographic Technique for Emergency; That's Why Determinable Exposure Condition]<br>P: M. Nakamae                       | 9:00 (p.84) 10:50<br><b>Symposium 1</b><br>[International Opinion of Radiation Protection and Management Medical Exposure]<br>C: Y. Okuda<br>P: M. Kai, Y. Shimada, S. Suzuki, K. Matsubara, Y. Yonekura |   | 10:50 (p.117) 11:50<br><b>Invited Lecture★</b><br>[Current Topics in Diagnostic Radiological Physics: Technical Questions Associated with Setting Up Enterprise Wide Patient Radiation Dose Monitoring And Tracking Programs]<br>P: P. Paul Lin | 12:00 (p.113) 12:50<br><b>ATS 4</b><br>[Trauma Panscan: Why and How?]<br>P: J. Matsumoto                                    |   |
|                                      | 413                                |   | 8:50<br><b>Nuclear Medicine PET : continuous bed motion (237-240)</b><br>C: T. Onishi  | 9:30<br><b>Nuclear Medicine PET : imaging technique (241-244)</b><br>C: K. Nakajima   | 10:10<br><b>Nuclear Medicine PET : quantity analysis (245-248)</b><br>C: S. Takeda  | 10:50<br><b>Nuclear Medicine Semiconductor detectors (249-252)</b><br>C: H. Ishimura  |   |
|                                      | 414+415 (presentations at monitor) |   | 9:30   | 10:00<br><b>CT CT angiography (lower extremity) (2001-2003)</b><br>C: M. Kato   | 10:30<br><b>CT Dose reduction (tube voltage) (2011-2014)</b><br>C: E. Nishimaru   | 11:00<br><b>CT Dose reduction (optimization) (2021-2024)</b><br>C: T. Sakamoto  | 11:30<br><b>CT Metal artifact (2031-2034)</b><br>C: S. Ochi   |
|                                      | 416+417 (presentations at monitor) |   | 9:30   | 10:00<br><b>MR Neck (vessel) (2081-2083)</b><br>C: T. Naka  | 10:30<br><b>MR Neck (plaque) (2091-2094)</b><br>C: T. Tabuchi   | 11:00<br><b>MR Spine (2101-2104)</b><br>C: M. Terada  | 11:30<br><b>MR Development (2111-2114)</b><br>C: J. Takahashi   |
| Pacifico Yokohama, Annex Hall        | F203+204                           | 8:00 (p.116) 8:50<br><b>ATS 11</b><br>[CT Image Analysis Using the "Image J"]<br>P: T. Ishihara   | 9:40<br><b>CT Cardiac CT (image quality assessment) (271-275)</b><br>C: Y. Ida   | 10:20<br><b>CT Cardiac CT (276-279)</b><br>C: T. Mito   | 11:00<br><b>CT Cardiac CT (perfusion) (280-283)</b><br>C: T. Yamaguchi  | 11:50<br><b>CT Ultra high resolution CT (284-288)</b><br>C: S. Miyashita  |   |
|                                      | F201                               | 8:00 (p.110) 8:45<br><b>AL 5 (Measurement)</b><br>[X-ray Spectrometry]<br>P: H. Sato  | 8:50 (p.90) 9:50<br><b>EL 5</b><br>[National Dose Standards for X-ray Diagnostics and Calibration of Dosimeters]<br>P: N. Saitoh   | 10:00<br><b>45th. Measurement Section</b><br>Establishment of the Standard Mensuration in the Diagnosis Field   |   | 11:50 12:00 (p.106) 12:45<br><b>BL 6 (Measurement)</b><br>[Detector Selection for Measuring the Radiation]<br>P: K. Koshida |   |
|                                      | F202                               |   | 8:50<br><b>MR Neck (299-302)</b><br>C: M. Nakanishi  | 9:30<br><b>MR Breast (303-306)</b><br>C: M. Nishiura  | 10:10<br><b>MR Heart (307-310)</b><br>C: T. Yoshida   | 10:50<br><b>MR Heart (late gadolinium enhancement) (311-316)</b><br>C: K. Hamada  | 11:50 12:00 (p.106) 12:45<br><b>BL 7 (English Paper Writing)</b><br>[Part II Basic Technique to Make Your Oral Presentation Easy to Understand]<br>P: R. Tanaka |
| National Convention Hall             | National Convention Hall           |   | 9:00 (p.105) 9:45<br><b>BL 4 (Radiotherapy)</b><br>[Quality Assurance and Practical Approach for I-125 Permanent Seed Implant Brachytherapy]<br>P: I. Sumida   | 9:50 (p.78) 11:50<br><b>Joint Symposium 2</b><br>[The Importance of Team Care in Radiation Therapy]<br>C: N. Shigematsu, M. Okumura<br>P: T. Nakano, R. Suzuki, D. Tatsumi, S. Mori, K. Shimotani                 |   |   |   |
|                                      | Marine Lobby                       | 7:15  | CyPos Viewing  |   |   |   |   |
| Exhibition Hall                      | Hall A~D                           |   | 9:30   | International Technical Exhibition of Medical Imaging (ITEM) 2015   |   |   |   |

| 13:00 |  | 14:00   |   | 15:00   |  | 16:00 |  | 17:00 |  | 18:00 |   | 19:00         |                             |
|-------|--|---|---|---|--|-------|--|-------|--|-------|---|---------------|-----------------------------|
|       |  |   |   |   |  |       |  |       |  |       |   |               | Main Hall                   |
| 13:00 | (p.129)<br><b>Educational Courses</b><br>[Medical Treatment in Breast Cancer from A to Z<br>-How Will the Specialists Think about?]-<br>C: K. Tsugawa, Y. Nishide, T. Koyama<br>P: K. Tsugawa, T. Koyama, M. Sakurai, T. Tamura, H. Tsunoda, S. Ota,<br>F. Akiyama |   |   |   |  |       |  |       |  |       | 17:00   | 501           |                             |
| 13:00 | (p.110) 13:45<br><b>AL 6 (MR)</b><br>[Diffusion MRI: Principle and Analysis]<br>P: T. Araki  | 13:50 (p.90) 14:50<br><b>EL 6</b><br>[Diffusion-Weighted MR Imaging: Basic Principles and Clinical Applications]<br>P: R. Itoh  | 16:50<br><b>64th. Radiation Imaging Section</b><br>Pursuing Better Imaging Techniques in Radiology: No.125, Diffusion Magnetic Resonance Imaging Technology                             |   |  |       |  |       |  |       |   |               | 502                         |
| 13:00 | (p.81) 14:00<br><b>Special Lecture 2</b><br>[Toward Supreme Use of X-rays<br>-Development of X-ray Talbot-Lau Imaging-]<br>P: A. Momose  | (p.118) 16:00<br><b>International Symposium★</b><br>[A Challenge of the National Radiology Data Registry -Learning by Experience in the United States-]<br>C: Kevin O' Donnell, Y. Muramatsu<br>P: M. McNitt-Gray, D. Clunie, R. Ishigaki | (p.82) 16:30 17:00<br><b>Seki Award Winner's Lecture (Best Paper in 2014)</b><br>[Development of a Digital Chest Phantom for Studies on Energy Subtraction Techniques]<br>P: N. Hayashi | 18:30<br><b>Regular General Meeting</b>                                   |  |       |  |       |  |       |   | 503           |                             |
| 13:00 | 13:40<br><b>Nuclear Medicine</b><br>Dopamine transporter : image reconstruction (253-256)<br>C: H. Kawaguchi   | 14:40<br><b>Nuclear Medicine</b><br>Dopamine transporter : analysis (257-262)<br>C: N. Matsutomo  | 15:20<br><b>Nuclear Medicine</b><br>Equipment quality control, simulation (263-266)<br>C: H. Ichikawa   | 16:00<br><b>Nuclear Medicine</b><br>Bone (267-270)<br>C: A. Kita          |  |       |  |       |  |       |   |               | 413                         |
| 13:00 | 13:30<br><b>CT Dual energy CT (basic analysis)</b> (2041-2044)<br>C: K. Ohashi   | 14:00<br><b>CT Dual energy CT (clinical application)</b> (2051-2054)<br>C: S. Yamamoto  | 14:30<br><b>CT Support image application</b> (2061-2063)<br>C: K. Murakami  | 15:00<br><b>CT Quality control</b> (2071-2074)<br>C: K. Sato              |  |       |  |       |  |       |   |               | 414+<br>415                 |
| 13:00 | 13:30<br><b>MR Pelvis (diffusion)</b> (2121-2124)<br>C: Y. Akiyama   | 14:00<br><b>MR Pelvis (diffusion)</b> (2131-2134)<br>C: Y. Akiyama  | 14:30<br><b>MR Liver (EOB)</b> (2141-2144)<br>C: S. Ozaki   | 15:00<br><b>MR Radial scan</b> (2151-2154)<br>C: T. Kamiyama              |  |       |  |       |  |       |   |               | 416+<br>417                 |
|       |  |   |   |   |  |       |  |       |  |       |   |               | F203+<br>204                |
| 13:00 | (p.119) 14:00<br><b>JSRT-JSMP Seminar</b><br>[How to Get Grants-in-Aid, -Research Field "Medical Physics and Radiological Technology"]<br>P: H. Saitoh, I. Masayori, T. Doi, M. Hashida, D. Tatsumi  | 14:40<br><b>Medical Information Radiology</b><br>information system, radiation therapy information system (289-292)<br>C: Y. Aoki   | 15:40<br><b>Medical Information</b><br>Picture archiving and communication systems (293-298)<br>C: M. Ogawa   |   |  |       |  |       |  |       |   |               | F201                        |
| 13:00 | 13:50<br><b>CT Artifact reduction</b> (317-321)<br>C: K. Tsujioka  | 14:40<br><b>CT Radiation dose (optimization)</b> (322-326)<br>C: T. Miyoshi   | 15:40<br><b>CT Contrast enhanced technique</b> (327-332)<br>C: K. Terasawa  | 16:30<br><b>CT Equipment development</b> (333-337)<br>C: Y. Nakaya        |  |       |  |       |  |       |   |               | F202                        |
| 13:00 | 13:50<br><b>Radiotherapy Positioning verification</b> (338-342)<br>C: Y. Yoshida   | 14:40<br><b>Radiotherapy Positioning precision, dosimetric evaluation</b> (343-347)<br>C: R. Kawamorita   | 15:20<br><b>Radiotherapy Treatment planning, dose calculation</b> (348-351)<br>C: T. Koyama   | 16:10<br><b>Radiotherapy Treatment planning</b> (352-356)<br>C: K. Suzuki | 16:50<br><b>Radiotherapy Patient immobilization, positioning precision</b> (357-360)<br>C: H. Aoyama |       |  |       |  |       |   |               | National<br>Convention Hall |
|       |  |   |   |   |  |       |  |       |  |       | 19:00   | CyPos Viewing | Marine Lobby                |
|       |  |   |   |   |  |       |  |       |  | 17:00 | International Technical Exhibition of Medical Imaging (ITEM) 2015 | Hall A~D      |                             |

| Venue                                |                                    | 8 : 00  | 9 : 00  | 10 : 00  | 11 : 00   | 12 : 00  | 13 : 00   |  |
|--------------------------------------|------------------------------------|---|---|--|---|--|---|--|
| Pacifico Yokohama, Conference Center | Main Hall                          | 9:30 (p.79)<br><b>Joint Symposium 3</b><br>[How Should We Face to the Automation Technologies in Radiology?]<br>C: M. Hiraoka, T. Nishio<br>P: Y. Masutani, S. Kido, H. Arimura, N. Kadoya  |   |  | 11:50   |  |   |  |
|                                      | 501                                | 8:00 (p.110) 8:45<br><b>AL 7 (Medical Information)</b><br>[Explanation about Guidelines for the Confirmed of Medical Images (Ver2.1)]<br>P: Y. Okuda  | 8:50 (p.91) 9:50<br><b>EL 7</b><br>[Updates of Image Management Technology - DICOM WADO -]<br>P: Y. Ito   | 11:50<br><b>25th. Medical Information Section</b><br>Challenge a System Replace, ~ Outcome by Standards ~  |   |  | 12:00 (p.107) 12:45<br><b>BL 10 (Medical Information)</b><br>[Basic Lecture of DICOM]<br>P: I. Hokkyou                                      | 12:50  |
|                                      | 502                                | 8:00 (p.107) 8:45<br><b>BL 8 (Patient Safety2:MR)</b><br>[Artifact in MRI]<br>P: M. Ozaki   | 8:50 9:30<br><b>MR Head (fMRI, sequence evaluation) (361-364)</b><br>C: T. Okuaki   | 10:20<br><b>MR Head (diffusion) (365-369)</b><br>C: Y. Takatsu   | 11:10<br><b>MR Head (tractography) (370-374)</b><br>C: H. Nagahama  | 11:50<br><b>MR Cerebral blood flow (375-378)</b><br>C: T. Makabe                                 | 12:00 (p.117) 12:50<br><b>ATS 13</b><br>[Usage Examples of Image] for MRI Research]<br>P: H. Imai   |  |
|                                      | 503                                | 8:00 (p.107) 8:45<br><b>BL 9 (CT)</b><br>[Basic and Standardization of Bone Joint CT Imaging Technology]<br>P: T. Nomizu  | 8:50 (p.91) 9:50<br><b>EL 8</b><br>[Best Practice and Requirements for Imaging Clinical Decision]<br>P: M. Ida  | 11:50<br><b>64th. Radiation Imaging Section</b><br>Pursuing Better Imaging Techniques in Radiology: No.124, Build Standardization in X-ray CT Imaging (GuLACTIC2015) |   |  | 12:00 (p.115) 12:50<br><b>ATS 8</b><br>[Veterinary Radiology -Past, Present and the Future-]<br>P: M. Natsuhori                             |  |
|                                      | 413                                | 8:50  |   | 9:30<br><b>X-ray Breast imaging (tomosynthesis, etc) (401-404)</b><br>C: F. Akita  | 10:10<br><b>X-ray Breast imaging (dose reduction, etc) (405-408)</b><br>C: T. Arai                          | 10:50<br><b>X-ray Breast imaging (average glandular dose) (409-412)</b><br>C: H. Nishide         | 11:20<br><b>X-ray Breast imaging (contrast-to-noise ratio) (413-415)</b><br>C: T. Koyama  | 11:50<br><b>X-ray Chest (image processing) (416-418)</b><br>C: S. Yanagita |
|                                      | 414+415 (presentations at monitor) | 9:00  |   | 9:30<br><b>Nuclear Medicine Dopamine transporter : correction, reconstruction (3001-3004)</b><br>C: T. Uno   | 10:00<br><b>Nuclear Medicine Imaging technique, reconstruction (3011-3014)</b><br>C: Y. Tsutsui             | 10:30<br><b>Nuclear Medicine Correction, image processing, other (3021-3024)</b><br>C: A. Suzuki |   |  |
|                                      | 416+417 (presentations at monitor) |   |   |  |   |  |   |  |
| Pacifico Yokohama, Annex Hall        | F203+204                           | 8:00 (p.113) 8:50<br><b>ATS 5</b><br>[Technical Guidelines for Whole-Body CT]<br>P: S. Nishiike   | 9:00 (p.126) 10:00<br><b>Radiation Protection Forum</b><br>[Outline of the Revision of Shielding Calculation Methods on Medical X-ray Equipments Should We Evaluate once again? -]<br>P: T. Fujibuchi, H. Watanabe, K. Noto | 11:00 (p.82)<br><b>Expert Lecture 2</b><br>[Patient Exposure in Medical in Japan During 1974 to 2014]<br>P: S. Suzuki  |   | 11:50<br><b>Radiation Protection Radiation dose (419-423)</b><br>C: H. Sato                      | 12:00 (p.114) 12:50<br><b>ATS 6</b><br>[Interventional Radiology in Trauma]<br>P: K. Idoguchi   |  |
|                                      | F201                               | 9:00  |   | 9:50<br><b>Imaging Scattered radiation correction processing (basic) (424-428)</b><br>C: K. Kashiya  | 10:50<br><b>Imaging Scattered radiation correction processing (application) (429-434)</b><br>C: H. Kunitomo | 11:40<br><b>Imaging Computer aided diagnosis (435-439)</b><br>C: Y. Uchiyama                     | 12:00 (p.83) 13:00<br><b>RPT Doi Awards Ceremony and Winner's Lectures</b><br>C: K. Doi, J. Morishita, S. Katsuragawa, T. Hasegawa, M. Endo |  |
|                                      | F202                               | 10:20 (p.127)<br><b>Standardization Forum</b><br>[Standardization of Quality Assurance and Radiological Equipment for Medical -Imaging Departments- On Trend of Future and JIS (Japanese Industrial Standard) Original Bills Debated in 2014]<br>P: J. Takahashi, M. Horimoto, T. Sato, M. Yamazaki |   |  |   | 11:50  |   |  |
|                                      | National Convention Hall           | 8:00 (p.111) 8:45<br><b>AL 8 (Radiotherapy)</b><br>[Comparison of RTPS and Monte Carlo Dose Distributions in Heterogeneous Phantoms for Photon Beams]<br>P: Y. Nakaguchi  | 8:50 (p.91) 9:50<br><b>EL 9</b><br>[Brachytherapy for Uterine Cervical Cancer: State of the Art]<br>P: T. Ohno  | 11:50<br><b>70th. Radiotherapy Section</b><br>The Step toward Implementing 3D Image-guided Brachytherapy in Gynecological Cervix Cancer                              |   |  |   |  |
| National Convention Hall             | 7:15                               | CyPos Viewing   |   |  |   |  |   |  |
| Exhibition Hall                      | Hall A~D                           | 9:30<br>International Technical Exhibition of Medical Imaging (ITEM) 2015   |   |  |   |  |   |  |

| 13:00 | 14:00  | 15:00   | 16:00   | 17:00 | 18:00 | 19:00 |                             |
|-------|--|---|---|-------|-------|-------|-----------------------------|
|       |  | 15:00   | 16:15   |       |       |       | Main Hall                   |
|       |  | Closing and Awards Ceremony<br>Performance: JRC Festival Orchestra                |   |       |       |       |                             |
|       | (p.124)  | 14:50   |   |       |       |       | 501                         |
|       | <b>Medical Information—JIRA Forum</b><br>「We Must Respond to Changes in the Law : softwares & external storage (cloud) ~ The User Has the Information That Must Know for Health Care Services (Okay or Bad) ~」<br>P: H. Furukawa, A. Doi, S. Nishida, Y. Okuda, H. Sakamoto, T. Yamamoto |   |   |       |       |       |                             |
| 13:00 | 13:50  | 14:40   |   |       |       |       | 502                         |
|       | <b>MR Abdomen (diffusion, others) (379–383)</b><br>C: H. Kitagawa  | <b>MR Liver (measurement, elastography) (384–388)</b><br>C: S. Kojima             |   |       |       |       |                             |
|       | 13:30  | 14:10   | 14:50   |       |       |       | 503                         |
|       | <b>CT Cardiac CT subtraction (389–392)</b><br>C: T. Sano   | <b>CT Metal artifact reduction (393–396)</b><br>C: T. Nomizu                      | <b>CT Metal artifact evaluation (397–400)</b><br>C: K. Funamizu |       |       |       |                             |
|       |  |   |   |       |       |       | 413                         |
|       |  |   |   |       |       |       | 414+<br>415                 |
|       |  |   |   |       |       |       | 416+<br>417                 |
|       |  |   |   |       |       |       | F203+<br>204                |
| 13:10 | 13:50  | 14:40   |   |       |       |       | F201                        |
|       | <b>Imaging Observer evaluation etc (440–443)</b><br>C: R. Tanaka   | <b>Imaging Image analysis etc (444–448)</b><br>C: M. Hattori                      |   |       |       |       |                             |
| 13:00 | 13:40  | 14:50   |   |       |       |       | F202                        |
|       | <b>Nuclear Medicine Cerebral blood flow (449–452)</b><br>C: T. Ogura   | <b>Nuclear Medicine Correction, quantification, other (453–459)</b><br>C: S. Mita |   |       |       |       |                             |
| 13:00 | 13:50  | 14:50   |   |       |       |       | National<br>Convention Hall |
|       | <b>Radiotherapy Characteristic of the positioning verification devices (460–464)</b><br>C: S. Kawamura   | <b>Radiotherapy IMRT verification (465–470)</b><br>C: N. Hayashi                  |   |       |       |       |                             |
|       |  | 15:00   |   |       |       |       | Marine Lobby                |
|       | CyPos Viewing  |   |   |       |       |       |                             |
|       |  | 15:00   |   |       |       |       | Hall A~D                    |
|       | International Technical Exhibition of Medical Imaging (ITEM) 2015  |   |   |       |       |       |                             |