

# 【Joint Sessions for Japan Radiology Congress】

**Opening Ceremony: April 11 (Fri) 13:00–14:00 (Main Hall)**

Performance: Tokyo Metropolitan University Orchestra

President: Susumu Kanazawa (Okayama Univ.)  
The 73rd Annual Meeting of the Japan Radiological Society

Conference President: Yoichi Eguchi (Yamagata Univ.)  
The 70th Annual Scientific Congress of the JSRT

Congress Chair: Masahiro Fukushi (Tokyo Metropolitan Univ.)  
The 107th Scientific Meeting of the Japan Society of Medical Physics

Chairman: Kenichi Komatsu  
Japan Medical Imaging and Radiological Systems Industries Association

## Special Lecture

**April 11 (Fri) 14:00–14:30 (Main Hall)**

「Now and future of research and application of iPS cells」

Moderator: Kobe Univ. Kazuro Sugimura  
National Cancer Institute, NIH; Molecular Imaging Program Junya Toguchida

## Joint Symposium 1

**April 12 (Sat) 9:10–11:35 (Main Hall)**

「Interventional radiology: Make it safer and securer」

Moderator: Keio Univ. Sachio Kuribayashi  
Yamagata Univ. Yoichi Eguchi

1. About the radiation exposure of IVR  
National Cerebral and Cardiovascular Center Hiromichi Yokoyama
2. Development of a robot for CT-guided intervention: free physicians from radiation  
Okayama Univ. Takao Hiraki
3. Patient care in interventional radiology for safety: nurse perspective  
National Cancer Center Nozomi Asai
4. New technologies for ultrasound guided ablation therapies  
-Fusion imaging and needle navigation system- Tokyo Medical Univ. Fuminori Moriyasu
5. Interventional radiology with a new tracking navigation imaging system of cone-beam CT angiography  
Kinki Univ. Takamichi Murakami

**Joint Symposium 2****April 12 (Sat) 13:00–15:00 (Main Hall)**

「Reduction of medical exposure-balance of justification and optimization」

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|---|--|------------------|
|   | Moderator: Tokyo Metropolitan Univ.              | Masahiro Fukushi |
| 1. Pediatric CT examination: Justification and Optimization           | National Center for Child Health and Development | Osamu Miyazaki   |
| 2. Patient doses and dose reduction in CT examinations                | Fujita Health Univ.                              | Shoichi Suzuki   |
| 3. Evidences on the cancer risk of low dose radiation                 | NIRS   | Yoshiya Shimada  |
| 4. Approach to the further appropriate justification and optimization | NIRS   | Keiichi Akahane  |

**Joint Symposium 3****April 13 (Sun) 9:10–11:10 (Main Hall)****JRC-JFA Joint Symposium**

「Connecting talent promotion and specialist development」

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|---|---------------------------------------|-----------------|
|   | Moderator: Japan Football Association | Toru Kamikawa   |
|   | Osaka General Medical Center          | Masao Funahashi |
| 1. The training to aim at the radiology specialist in Japan | Shinshu Univ.                         | Masumi Kadoya   |
| 2. Technology transfer and professional skill               | Osaka Univ. Hosp.                     | Tsukasa Doi     |
| 3. Training in trustworthy person                           | Univ. of Tsukuba                      | Takeji Sakae    |
| 4. What football brings to us                               | Japan Football Association            | Michie Ayabe    |

**Reception for All Participants****April 11 (Fri) 18:15–19:30 (Yokohama Bay Hotel Tokyu B2F Queen's Grand Ballroom)****Awards Ceremony and Closing Session****April 13 (Sun) 15:00–16:15 (Main Hall)**

Performance: JRC Festival Orchestra

Program: Radetzky March

# 【JSMP Program】

## (A) Plenary Lectures

(1) April 11(Fri) 11:00–11:50 (418, 419)

Moderator: Tokyo Metropolitan Univ. Kazumasa Inoue

「How to Improve Signal-to-Background Ratio: Targeting and Imaging」

Invited Speaker: Harvard Medical School, USA Dr. Hak Soo Choi

(2) April 12 (Sat) 11:00–11:50 (418, 419)

Moderator: Hiroshima Univ. Shuichi Ozawa

「Reducing Multi-Institutional Clinical Trial Radiotherapy Data Uncertainty: The Need for Medical Physics Involvement」

Invited Speaker: The Univ. of Texas M.D. Anderson Cancer Center, USA Dr. David S. Followill

## (B) International Symposium

April 13 (Sun) 13:00–14:30 (418, 419)

Moderator: National Institute of Radiological Sciences Shigekazu Fukuda  
Hokkaido Univ. Toru Yamamoto

Keynote Lecture

「MEDICAL PHYSICS IN VIETNAM: HISTORY AND EDUCATION」

Invited Speaker: Medical Physicist of Choray Hosp. Dr. Nguyen Tan Chau

Session for a student studying abroad

「Are you satisfied with studying in Japan?」

1. Advantages and disadvantages in studying in Japan

Invited Speaker: Hokkaido Univ. Tang Minghui

2. Satisfaction about Studying in Japan

Invited Speaker: Niigata Univ. Marasinghe C Janaka

3. Are you satisfied with studying in Japan

Invited Speaker: Tokyo Metropolitan Univ. Chang Weishan

4. Advantages and disadvantages in studying in Japan

Invited Speaker: Univ. of Tsukuba Gerelchuluun Ariungerel

5. Precious experience of studying hard in English and Japanese

Invited Speaker: Kyushu Univ. Soufi Mazen

## (C) Lunch Time Lectures (Educational Lecture)

(1) April 11 (Fri) 12:00–12:50 (418, 419)

Moderator: Tokyo Metropolitan Univ. Yoshiyuki Nyui

「Biological implication of mutation from the viewpoint of genome evolution」

Invited Speaker: Tokyo Metropolitan Univ. Koichiro Tamura

(2) April 12 (Sat) 12:00–12:50 (418, 419)

Moderator: Kyushu Univ. Hidetaka Arimura

「Computational Anatomy and its Applications to Medical Image Analysis and Clinical Decision Support」

Invited Speaker: Osaka Univ. Yoshinobu Sato

(3) April 13 (Sun) 12:00–12:50 (418, 419)

Moderator: Kumamoto Univ. Fujio Araki

「Primary standard of absorbed dose to water in high-energy photon beam」

Invited Speaker: National Institute of Advanced Industrial Science and Technology Morihito Shimizu

#### (D) Morning Educational Lectures

(1) April 11 (Fri) 8:15–8:55 (418)

Moderator: Hokkaido Univ. Toru Yamamoto

「Statistics in Diagnostic Radiology」

Invited Speaker: Kyoto Univ. Masako Kataoka

(2) April 12 (Sat) 8:15–8:55 (418)

Moderator: National Cancer Center Hosp. East Teiji Nishio

「Application for a research grant~ getting a research grant to accelerate research projects ~」

Invited Speaker: Hokkaido Univ. Masayori Ishikawa

(3) April 13 (Sun) 8:15–8:55 (418)

Moderator: Hiroshima Univ. Shuichi Ozawa

「Fundamental physical studies of particle therapy」

Invited Speaker: Gunma Univ. Tatsuaki Kanai

#### [JSRT-JSMP Joint Session]

#### (E) How to get Grants-in-Aid for scientific research ?

April 12 (Sat) 13:00–14:30 (416, 417)

Moderator: SAGA Heavy Ion Medical Accelerator Masahiro Endo

Kanazawa Univ. Shigeru Sanada

(1) 「Up to the foundation - Research field “Medical Physics and Radiological Technology”」

Hirosaki Univ. Ikuo Kashiwakura

(2) 「Get of reseacher number in medical facilities」

Osaka Univ. Hosp. Tsukasa Doi

(3) 「Check the details of the proposal for Grant-in-Aid」

Kyushu Univ. Seiji Kumazawa

(4) 「Procedures for preparing file of details of application for “Grants-in-Aid for young scientists (B)”」

Univ. of Tokyo Hosp. Masami Goto

(5) 「How to prepare a successful grant application: Scientific Research(C)」

Kanazawa Univ. Rie Tanaka

(6) 「Desirable application from a reviewer’s standpoint」

Tokyo Metropolitan Univ. Hidetoshi Saitoh

**(F) RPT Doi Awards Ceremony and Winners' Lectures [JSMP-JSRT Joint Session]**

April 13 (Sun) 12:10–13:00 (F201)

General Moderator: RPT Editor-in-Chief Kunio Doi

(1) Diagnostic Imaging Field

Moderator: RPT Deputy Editor Sigehiko Katsuragawa

RPT Vol.6, No.2

Computerized image-searching method for finding correct patients for misfiled chest radiographs in a PACS server by use of biological fingerprints

Kyushu Univ. Risa Toge

(2) Nuclear Medicine and MR Fields

Moderator: RPT Deputy Editor Tomoyuki Hasegawa

RPT Vol.6, No.2

Feasibility of MR perfusion-weighted imaging by use of a time-spatial labeling inversion pulse

Ibaraki Prefectural Univ. of Health Science Yoshiyuki Ishimori

(3) Radiotherapy Field

Moderator: RPT Deputy Editor Masahiro Endo

RPT Vol.6, No.2

Technical approach to individualized respiratory-gated carbon-ion therapy for mobile organs

Gunma Univ. Mutsumi Tashiro

**[JCMP/JASTRO Joint meeting]**

**(G) Brief meeting of the graduate course and employment for medical physicist**

**JSMP Board of Directors**

April 10 (Thu) 12:00–17:00 (421)

**JSMP General Meeting of Members**

April 12 (Sat) 17:10–18:40 (419)

**Japanese College of Medical Physics**

April 12 (Sat) 18:40–19:00 (419)

**JSMP New Board of Directors**

April 13 (Sun) 8:30–10:00 (421)

**Various Committees**

April 10 (Thu) –April 13 (Sun)