

# Welcome Message



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President of the 109<sup>th</sup> JSMP Scientific Meeting

Dear Colleagues,

On behalf of the Organizing Committees, I am pleased to welcome you to the 109<sup>th</sup> Scientific Meeting of the Japan Society of Medical Physics (JSMP). This meeting is being held from April 16<sup>th</sup> to 19<sup>th</sup>, 2015 at PACIFICO Yokohama convention Center in Yokohama City, Japan.

This meeting will be held in conjunction with the 74<sup>th</sup> Annual meeting of the Japan Radiological Society, the 71<sup>st</sup> Scientific Congress of the Japanese Society of Radiological Technology, and the International Technical Exhibition of Medical Imaging (ITEM) 2015, as Japan Radiology Congress (JRC) 2015.

The main theme of this joint congress is “Be Cool and Practical!”.

Since the discovery of X-ray by W.C. Röntgen, Radiation Medicine has accomplished a prominent progress involving some cutting-edge achievements of science and technology including Nobel Prizes in Physics or Medicine aggressively into the medical practice directly. In the all areas of diagnostic imaging, radiation oncology and nuclear medicine, most if not all of the known physical energy, which include X-rays,  $\gamma$ -rays, high energy carbon beams, the resonance RF waves from protons of the human body in the strong magnetic field and also ultra sound, have been explored for potential use for the practice for more non-invasive and more accurate diagnosis and treatment. Radiology has been achieved to play an important role in the medical practice now. Amongst the field of Radiology, Medical Physics was born and built its academic discipline concerned with the application of the concepts and methods of physics to the diagnosis and treatment of human disease. Thus in these area, “Be Cool and Practical!” would be an abiding theme for us to play a practical role standing in the scientific point of view facing to the phenomenon.

This meeting will feature joint symposia with the JRS and JSRT, plenary and educational lectures by distinguished medical physicists, symposia and scientific sessions for forefront researches. The scientific program will cover all areas of medical physics which are related to the prevention, diagnosis and therapy of disease.

There will be more than 200 presentations, including the joint symposia and plenary lectures and talks.

In this meeting we open the opportunity to the colleagues who have AFOMP (Asia-Oceania Federation of Organizations for Medical Physics) membership to whom the abstract accepted, will be treated as an invited speaker and registration fee will be supported by JSMP. We hope this meeting serves as a continuous evolution for all the

participants to build a new cooperation within these countries and eventually boost mutual development of medical physics and cultural exchange among these countries.

Exhibits by at least 140 companies will display the latest radiology equipment and devices, which comprise the International Technical Exhibition on Medical Image (ITEM in JRC2015). In addition, a banquet is arranged as a social program on the second day of the meeting.

We sincerely hope that you can join us in making the 109<sup>th</sup> meeting a complete success.