AAPM- International Scientific Exchange Program
(Under the aegis of Association of Medical Physicists of India, Regd. No. 421/1976)
Organizing
International Symposium on Medical Imaging Physics & Image Guidance in Radiotherapy
New Delhi
Theme: Improving Image Quality & Reducing Patient Dose
Date: December 16-19, 2019
Venue: Maulana Azad Medical College Auditorium, New Delhi, India
Course Directors:
M. Mahesh
M.S. PhD, AAPM
Ajai K. Srivastava
PhD, Delhi
Indra J. Das
PhD, AAPM
In collaboration with
International Organization for Medical Physics (IOMP)
& Northern Chapter of Association of Medical Physicists of India
Endorsed by
Asia-Oceania Federation of Organization for Medical Physics (AFOMP)
Jointly Organized by
Department of Radiology, UCMS & GTB Hospital Delhi &
Department of Radiotherapy MAMC & Lok Nayak Hospital, New Delhi

Key Speakers from AAPM:
Dr. John M. Boone : Professor of Radiology – UC Davis, California, USA
Dr. Anthony Seibert : Professor of Radiology – UC Davis, California, USA
Dr. Osama Mawlawi : Professor of Imaging Physics – MD Anderson Cancer Center, USA
Dr. Indra Das : Professor of Radiation Oncology, USA
Dr. M. Mahesh : Professor of Radiology & Cardiology – Johns Hopkins University, USA

Others Invited Speakers from US & India:
Dr. T.S. Kehwar : Professor of Radiation Oncology – Thomas Jefferson University, USA
Dr. Arun Chougule : Professor of Radiological Physics – SMS Medical College & Hospital, Jaipur
Dr. S. D. Sharma : Head, RPAD – Bhabha Atomic Research Centre (BARC), Mumbai, India
Dr. G. Sahni : Head, MRA Section – Atomic Energy Regulatory Board (AERB) Mumbai
Dr. Shobha J Prakash : Chief Physicist & RSO – BYL Nair Hospital, Mumbai, India
Dr. Ajai K Srivastava : Physicist & RSO – UCMS & GTB Hospital, Delhi, India

For more information Please Contact:-
Dr. Ajai K Srivastava
Program Co-Director, AAPM-International Scientific Exchange Program (ISEP)
Room Number-1010, Dept of Radiology, UCMS (University of Delhi ) & GTB Hospital, Dilshad Garden, Delhi-110095
Cell: +91-7962749963, +91-9910460767. E-mail : drajai.india08@gmail.com
TOPICS TO BE COVERED
- Physics of Digital Image Formation
- Modern Digital Radiographic Imaging Technologies
- Modern Digital Fluoroscopy Technologies (Interventional & Cardiac Fluoroscopy)
- Digital Mammography and Digital Tomo-synthesis
- Image Quality Characteristics
- CT including DECT Image Reconstruction Techniques
- SPECT, PET, PET–CT and PET MRI
- Radiation Dose issues in CT and other Imaging Modalities
- Quality Assurance in Radiography, CT, SPECT and PET
- Computers in Radiology and PACS
- Radiobiology : Basics
- Radiation Safety and Regulations in India
- Advances in Magnetic Resonance Imaging (MRI) Technologies
- Advances in Imaging for Radiotherapy
- Magnetic Resonance Imaging-Linear Accelerators (MR-LINAC)
- Imaging in Proton Therapy
- Radiobiological Basis of SBRT in the age of on-board imaging
- Panel discussion on role and impact of artificial intelligence in radio-diagnosis and radiotherapy

REGISTRATION DETAILS

<table>
<thead>
<tr>
<th>Category</th>
<th>Early bird registration Upto 31st August</th>
<th>1st September to 15th November</th>
<th>16 November onwards</th>
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<tbody>
<tr>
<td>AMPI members</td>
<td>Rs. 1500</td>
<td>Rs. 2000</td>
<td>Rs. 2500</td>
</tr>
<tr>
<td>Non AMPI members &amp; Radiologist</td>
<td>Rs. 2000</td>
<td>Rs. 3000</td>
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<tr>
<td>Students Medical Physics, intern</td>
<td>Rs. 1000</td>
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<td>Rs. 2000</td>
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<tr>
<td>Student Technologist</td>
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<td>Trade Delegate</td>
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<td>SAARC Countries</td>
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<tr>
<td>Foreign delegate</td>
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Registration Fee includes attending all the sessions, Seminar Proceedings and other accessories, Lunch & Snacks during the conference Days (Day 01, Day 02, Day 03, Day 04) and poster presentation.

Poster Presentation
Abstract Submission: For abstracts submission please use times roman 12 pt. and maximum word limit of 600 words containing title, name of presenting author, affiliation, introduction, review of literatures, aims and objectives, material and methods, results and conclusion.

Accommodation
Room rates on Single to Triple Occupancy basis

<table>
<thead>
<tr>
<th>Hotel Name</th>
<th>Hotel Category</th>
<th>Distance From the Venue</th>
<th>Single Occupancy</th>
<th>Double Occupancy</th>
<th>Triple Occupancy</th>
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<td>Hotel Arina Inn</td>
<td>Budget</td>
<td>2 Kms</td>
<td>1200</td>
<td>1300</td>
<td>1500</td>
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<tr>
<td>Pinky Villa</td>
<td>Premium</td>
<td>3.2 Kms</td>
<td>1800</td>
<td>1900</td>
<td>NA</td>
</tr>
</tbody>
</table>

For booking please contact: rudra.pradhan@oyorooms.com

Few twin sharing accommodation are available @ Rs.750/- day in the guest houses on first come first serve basis. Registration is a pre-requisite for attending and presenting poster paper in the seminar.

Kindly get registered and send guest house charges for one day in advance to book your accommodation.

Please send your abstract at drajai.india08@gmail.com

Last date for submission of abstract for poster presentation is 30th September, 2019
ORGANIZING COMMITTEE

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Dean, MAMC, New Delhi
Dr. Anil K Jain
Principal, UCMS & GTB Hospital, Delhi
Dr. Kishore Singh
Medical Director, MAMC & Lok Nayak Hospital, New Delhi
Dr. Sunil Kumar
Medical Director, GTB Hospital, Delhi

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Johns Hopkins University, USA

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Dr. Ajai K. Srivastava, UCMS, Delhi

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Physicist(Medical) GTB Hospital, Delhi

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Mr. Saurabh Roy
Medical Physicist, Lok Nayak Hospital, New Delhi

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Dr. Jibon Sharma, Guwahati Medical College
Dr. Roshan Livingston, GMC, Vellore
Dr. Vinita Rathi, GTB Hospital, Delhi

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Invitation Letter

Date : August 15, 2019

Dear Colleague,

On behalf of the organizing committee of **International Symposium on Advances in Medical Imaging Physics & Image Guidance in Radiotherapy, New Delhi**, it is my privilege to invite you to participate in the programme scheduled to be held in New Delhi from 16-19 Dec 2019. The programme is supported by the American Association of Physicists in Medicine (AAPM) under their international scientific exchange programme (ISEP) scheme. It is being organized in collaboration with the International Organization for Medical Physics (IOMP) and Northern Chapter of the Association of Medical Physicists of India (NC-AMPI), and endorsed by the Asia Oceania Federation for Organization of Medical Physics (AFOMP). The AAPM will provide five distinguished faculty from the USA to deliver talks on the recent advances in the physics of medical imaging and impact of latest imaging technologies in radiation oncology. Radiological safety and radiobiological basis of the latest modalities of radiation deliveries such SBRT will also be deliberated upon by the eminent experts.

This programme will thus provide a great opportunity to enhance knowledge on cutting edge technologies in medical imaging. The targeted beneficiaries are Medical Physicists, Radiologists, Radiation Oncologists, Bio-medical Engineers, Radiation Technologists and students in these fields. The organizers have strived for a stimulating scientific program for the course. The teaching sessions will cover a variety of topics such as digital image formation, image quality, advances in digital imaging, CT including dual Energy CT, MRI and PET-CT. Other topics include radiobiology, radiation safety and imaging in radiotherapy. Panel discussions have been planned on the role and impact of Artificial Intelligence in radio-diagnosis and radiotherapy. We also plan to hold a poster session during the symposium to encourage sharing of experiences/ideas among the participants.

We are sure that the symposium will also provide a platform for in-depth interaction between the faculty and the delegates. We are making efforts to provide travel expenses (by train travel only) to limited young medical physicists (age below 35 years). Kindly confirm your participation at the earliest by registering yourself and submit you abstract for poster presentation.

Looking forward to your participation in the symposium

Best Regards

(Dr. Ajai K. Srivastava)
Host, Program Co-Director cum Organizing Secretary

Cell: 00917982749963 email: drajai.india08@gmail.com
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Theme: Improving Image Quality & Reducing Patient Dose

Date: December 16 -19, 2019

Organized by Dept. of Radiology, UCMS & GTB Hospital, Delhi & Dept. of Radiotherapy, MAMC & Lok Nayak Hospital, New Delhi

Registration form No : ........................................................................................................................................

Full Name: ........................................................................ Designation ..............................................................

AMPI Membership No. .......... Name of the Institution. ...................................................................................

Address of the Institution ...................................................................................................................................

........................................................................................................... Postal Code .....................................................

Mobile Number: ........................................... E-Mail .............................................................................................

Whatsapp : .......................................... Nationality ...........................................................................................

Passport Number (if not Indian) ..................................... Validity date .............................................................


Registration Fee paid by ........................................................................................................................................

For online/ RTGS/NEFT payment mode, please note the following bank details:

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<tr>
<th>Bank Name</th>
<th>CANARA BANK</th>
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<tr>
<td>Branch Name</td>
<td>UCMS &amp; GTB HOSPITAL DILSHAD GARDEN, DELHI</td>
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<tr>
<td>CANARA BANK SAVING Account No.</td>
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<tr>
<td>MICR Number</td>
<td>110015088</td>
</tr>
<tr>
<td>City</td>
<td>New Delhi ,India</td>
</tr>
<tr>
<td>PAN Number Of Account Holder</td>
<td>AADTA5936B (AMPI)</td>
</tr>
</tbody>
</table>

Please send a copy of the proof for the payment of registration eg, transaction slip (in case of online transfer) along with the filled attached registration formed by email : aapmisep2019delhi@gmail.com or by whatsapp : 9625900571

For more information Please Contact :-

Dr. Ajai K Srivastava
Program Co-Director, AAPM-International Scientific Exchange Program (ISEP)
Room Number-1010, Dept of Radiology, UCMS (University of Delhi) & GTB Hospital, Dilshad Garden, Delhi-110095
Cell : +91-7982749963, +91-9910460767. E-mail : drajai.india08@gmail.com