



AMPI AAPM IOMP ISEP

AAPM- International Scientific Exchange Program

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



Jointly Organized by

Department of Radiology, UCMS & GTB Hospital Delhi &
Department of Radiotherapy MAMC & Lok Nayak Hospital, New Delhi

Faculties from AAPM:

- | | |
|-----------------|---|
| John M. Boone | : Professor of Radiology – UC Davis, California, USA |
| Anthony Seibert | : Professor of Radiology – UC Davis, California, USA |
| Osama Mawlawi | : Professor of Imaging Physics – MD Anderson Cancer Center, USA |
| Indra Das | : Professor of Radiation Oncology, NYU, New York |
| Kalpana Kanal | : Professor of Radiology – Washington University, USA |

Faculties from USA & India

- | | |
|---------------------|--|
| T.S. Kehwar | : Professor of Radiation Oncology – Thomas Jefferson University, USA |
| Arun Chougule | : Professor of Radiological Physics – SMS Medical College & Hospital, Jaipur |
| S. D. Sharma | : Head, MPS, RPAD – Bhabha Atomic Research Centre (BARC), Mumbai, India |
| G. Sahni | : Head, MRA Section – Atomic Energy Regulatory Board (AERB) Mumbai |
| Shobha Jayaprakash | : Chief Physicist & RSO – BYL Nair Hospital, Mumbai, India |
| Ajai K. Srivastava | : Physicist & RSO – UCMS & GTB Hospital, Delhi, India |
| Rajesh A. Kinshikar | : Associate Professor & Head Medical Physics- TATA Memorial Hospital, Mumbai |

Topics to be covered at ISEP-2019 at New Delhi during December 16-19, 2019

	Speaker	Institution	Title of the talk
1.	Indra J Das	Radiation Oncology Physics, New York University, USA	Advances in Imaging of Radiation Oncology :50 0mintues
2.	Indra J Das		Emerging Role of MRI in RT : MR Linac : 50 minutes
3.	Indra J Das		Imaging in Proton Therapy: 50 minutes
1.	Tony Seibert	Prof of Radiology UC Davis Health Sacramento CA ,USA	CR ,DR and PACS Fundamentals : 50 minutes
2.	Tony Seibert		Digital Image :Display perception and Quality : 50 min
3.	Tony Seibert		MRI Physics: Fundamentals: 50 Minutes
4.	Tony Seibert		MRI physics Advance techniques and artifacts 50 minutes
		Trade talk	
1.	John Boone	Prof of Radiology UC Davis Health Sacramento CA	Computed Tomography : Physical Principles and Engineering Details
2.	John Boone		Breast CT : Technological Details and clinical potential : 50 minutes
3.	John Boone		X-ray Dosimetry in Radiography, Fluoroscopy, and Computed Tomography
4.	John Boone		Computed Tomography A new approach to Image Quality Assessment
1.	Mawlami Osama	Prof Imaging Physics , MD Anderson Cancer Centre, Houston, USA	Fundamentals of PET & PET-CT: 50 min.
2.	Mawlami Osama		Fundamentals of SPECT & SPECT –CT : 50 minutes
3.	Mawlami Osama		Advances in in PET , SPECT and QA /QC in PET and SPECT : 50 min.
1.	Kalpana Kanal	Prof Diagnostic Physics ,University of Washington, Seattle	Physics of fluoroscopy :50 min.
2.	Kalpana Kanal		Digital Mammography and Tomo synthesis : 50 min.
1.	T.S, Kehwar	Radiation Oncology Physics Thomas Jefferson University, Philadelphia	Basic Radiobiology and Time dose fractionation : 50 min.
2.	T.S.Kehwar		Radiobiology of SBRT : 50 min.
1.	G Sahani	Atomic Energy Regulatory Board (AERB) Mumbai	Regulatory Aspects in Radiotherapy and Radiology in India : 50 min.
1.	Arun Chougule	SMS Medical College Jaipur	Medical Physics Education from academics to recognition : 30 min.
1.	S D Sharma	Bhabha Atomic Research Centre (BARC) Mumbai	IGRT : Patient Dosimetry : 50 min.
1.	Shobha Jayprakash	BYL Nair Hospital Mumbai	QA /QC in mammography : 30 min.
1.	Ajay Srivastav	UCMS & GTB Hospital	Dual Energy CT : 30 min.
1.	Rajesh A. Kinshikar	TMH, Mumbai	Quality Assurance of Imaging in Tomo Therapy

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For more information Please Contact :-

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