

Annual Conference Of Western Chapter - Association of Medical Physicists of India 2018, Sterling Cancer Hospitals, Ahmedabad

Web: www.ampiwest.org.in | **Email:** ampiwcon2018@gmail.com

WC - AMPICON - 2018

Redefining the Role of Physicists in Modern Healthcare

SCIENTIFIC AGENDA - Day 1 (2nd JUNE 2018)

Venue: Courtyard Marriott, Ramdevnagar Cross Road, Ramdevnagar, Ahmedabad, Gujarat 380015

8.30 AM ONWARDS - REGISTRATION

Inauguration:

Dr. A.U. Sonawane, Chief Guest Time : 9.00 AM to 10.00 AM
Shree Girish Patel, Chief Patron

Recent Regulatory Challenges in
 Radiotherapy

Speaker :
Dr. A U Sonawane, AERB, Mumbai

Oration Award Function of WC - AMPI

“QA of Imaging Equipment in RT”

Speaker :
Dr. D. D. Deshpande, TMH, Mumbai

10.00 AM to 11.00 AM - SESSION: 1

“Machine Learning Oriented model based
 dose calculation algorithms in
3DCRT and IMRT”

Speaker :
Dr. D. Datta, RP & AD, Mumbai

Time : 10.00 AM to 10.20 AM

“Highlights of Recent IAEA Code of
 Practice for Dosimetry of Small Photon Fields”

Speaker :
Dr. S. D. Sharma, RP & AD, Mumbai

Time : 10.20 AM to 10.40 AM

“Shielding requirements in Halcyon”

Speaker :
Dr. G. Sahani, AERB, Mumbai

Time : 10.40 AM to 11.00 AM

11.00 AM to 11.20 AM - TEA BREAK

11.40 AM to 12.40 PM - SESSION: 2

“Implementation of ICRU 89
 Recommendations”

Speaker :
Dr. Jamema, ACTREC, Mumbai

Time : 11.20 AM to 11.40 AM

“QA of SBRT Process”

Speaker :
Dr. Rajesh Kinhikar, TMH, Mumbai

Time : 11.40 AM to 11.55 AM

“A retrospective evaluation of IMRT Plan
 according to ICRU 83 report”

Speaker :
Ms. Ranjana Agarwal, Surat

Time : 11.55 AM to 12.10 PM

The big data in Radiation Oncology:
 “Use of Data Mining/Data Science”

Speaker :
Mr. Amit Nirali, Ruby Hall, Pune

Time : 12.10 PM to 12.25 PM

MRI in Radiation Oncology:
 “Current and Future Trends”

Speaker :
Mr. Rahul Phansekar, Rajkot

Time : 12.25 PM to 12.40 PM

12.40 PM to 1.30 PM - SESSION: 3**“Challenges in SBRT Planning and Delivery”**

Panel Discussion: Panelists :

a. Mr. Yogesh Ghadi b. Mr. Mahendra More
c. Mr. Anand Jadhav

Speaker :

Mr. Prashant Shinde, Nagpur

Time : 12.40 PM to 1.30 PM

1.30 PM to 2.30 PM - LUNCH**2.30 PM to 4.00 PM - SESSION: 4**“Facts and Fiction of Flattening
Filter Free Beams”

Speaker :

Mr. Parimal Patwe, Nagpur

Time : 2.30 PM to 2.45 PM

“Advances in Patient Specific
QA of IMRT and VMAT”

Speaker :

Mr. Kuldeep Jadhav, Pune

Time : 2.45 PM to 3.00 PM

“Dosimetric Aspect of Modern
Radiotherapy”

Speaker :

Mr. Suresh Pangam, Nashik

Time : 3.00 PM to 3.15 PM

“Performance and Evaluation of
Gated Rapid Arc”

Speaker :

Mr. Murali, Goraj

Time : 3.15 PM to 3.30 PM

“Attenuation measurements of Calypso's
Array 6 Flattening filter free (6 MV FFF) and
Flattened Beams (6 MV FF)”

Speaker :

Ms. Pragya Shree, Mumbai

Time : 3.30 PM to 3.45 PM

“Present Status of Medical Physics
Education, Profession and Career for Women
in Bangladesh”: Problems and Perspective”

Speaker :

Ms. K.T. Afrin, Bangladesh

Time : 3.45 PM to 4.00 PM

4.00 PM to 4.10 PM - TEA BREAK**4.10 PM to 7.00 PM - SESSION: 5**“Future of Patient Specific QA in
Radiotherapy – Automation and In-vivo
Dosimetry Using Perfraction 3D”

Speaker :

Mr. Greg Robinson, USA

Time : 4.10 PM to 5.45 PM

“Development and Dosimetric Validation of
HDR Brachytherapy Single Channel,
Multichannel Applicator and Single Channel,
Multichannel QA Phantom”

Speaker :

Mr. S. Senthikumar, Madurai

Time : 5.45 PM to 6.00 PM

“The Influence of Different Photon Beam
Energy on Volumetric Modulated Arc Therapy
Planning for Pelvic Malignancies”

Speaker :

Mr. Dhinesh Shankar, Ahmedabad

Time : 6.00 PM to 6.15 PM

“In Vivo Dosimetry of Total Body Irradiation
(TBI) Using Thermoluminescent
Dosimeter (TLD)”

Speaker :

Mr. Kamalnayan Chauhan, Mumbai

Time : 6.15 PM to 6.30 PM

“Dosimetric Analysis Of Patient Specific Quality
Assurance with Different Dosimetry Systems For
Imrt, Rapid Arc And Helical Tomotherapy For
Various Clinical Sites”

Speaker :

Ms. Sanjana Chodhary, Mumbai

Time : 6.30 PM to 6.45 PM

“Effect and Assessment of Dose Reconstruction
Points and Evaluation on Dwell Points for Dose
Distribution Uniformity of Intraluminal Brachytherapy
Implant using HDR 192Ir Stepping Source”

Speaker :

Ms. Pratishtha Kushwaha, Allahabad

Time : 6.45 PM to 7.00 PM

7.00 PM to 8.00 PM - GBM WC-AMPI**7.45 PM - ONWARDS DINNER**

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SCIENTIFIC AGENDA - Day 2 (3rd JUNE 2018)

Venue: Courtyard Marriott, Ramdevnagar Cross Road, Ramdevnagar, Ahmedabad, Gujarat 380015

9.00 AM to 1.00 PM - SESSION: 6

“first User Experience With a New Generation Single Energy
Linear Accelerator With Highly Advanced Delivery Capabilities –
South East Asia's First Varian Halcyon at Sterling Cancer Hospitals”

Time : 9.00 AM to 9.40 AM

9.40 AM to 10.00 AM - TEA

Live Demonstration Workshop

“Setup, Profile Measurement and Analysis of FFF
beam in Halcyon Using an Automated Radiation
Field Analyzer – PTW BEAMSCAN”

Time : 10.00 AM to 10.30 AM

“Comparison of FFF profiles in Halcyon and
Truebeam Linear Accelerators – Clinical Impact and Dosimetry”

Time : 10.30 AM to 11.00 AM

Treatment Planning Workshop – Hands-on

“RDS RapidArc Treatment Planning for a Dual Layer MLC
Linear Accelerator using Varian Eclipse V15.5”

Time : 11.00 AM to 12.00 NOON

Live Demonstration Workshop

“Patient Specific QA using a true 4D Array Device –
SunNuclear ArcCheck – Setup and QA process for a new generation
Fast delivery Halcyon Linear Accelerator”

Time : 12.00 NOON to 12.30 PM

Discussion on the Floor

Time : 12.30 PM to 1.00 PM

Best Paper Awards (First and Second)
Valedictory and Vote of Thanks

Time : 1.00 PM

1.15 PM - LUNCH

Sterling Cancer Hospitals

Sterling Cancer Hospital Lane, Sindhu Bhavan Marg, Off S G Highway,
Bodakdev, Ahmedabad 380054, Gujarat .

