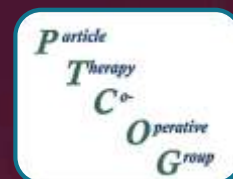


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Organised jointly by:



# 01<sup>st</sup> INTERNATIONAL PROTON THERAPY EDUCATIONAL PROGRAMME

Organised jointly by: PTCOG and APCC

02<sup>nd</sup> – 03<sup>rd</sup> November 2018 • ITC Grand Chola, Chennai, INDIA

## SCIENTIFIC PROGRAMME

**Dr. Jay Flanz**

PTCOG Chairman  
Massachusetts General Hospital, USA

**Dr. Ulf Håkan Nyström**

Organizing secretary  
Danish Centre for Particle Therapy, Denmark

**Dr. Rakesh Jalali**

Medical Director  
Apollo Proton Cancer Centre, Chennai

**Dr. Srinivas Chilukuri**

Senior Consultant Radiation Oncologist  
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Head Medical Physics  
Apollo Proton Cancer Centre, Chennai

**Mr. John Chandy**

Vice President  
Apollo Proton Cancer Centre, Chennai





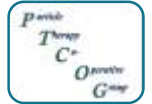
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## SCIENTIFIC PROGRAM

Day-1, 2<sup>nd</sup> Nov.

Time	Session	Speaker
08.00 AM - 09.00 AM	Registration	
09:00 AM - 11:05 AM	<b>Session Scientific – I</b>	
	<b>Chairpersons: PS Negi and Mahadev Potharaju</b>	
	Welcome	<b>J. Flanz, R Jalali</b>
	Clinical rationale for PT	<b>P. Witt Nyström</b>
	Physics of PT (incl. accelerators)	<b>J. Flanz</b>
	Radiobiology; basis, impact and handling	<b>T. Lomax</b>
11:05 AM - 11:25 AM	Tea Break	
11:25 AM - 12:50 PM	<b>Session Scientific – II</b>	
	<b>Chairpersons: GK Rath and V Murali</b>	
	Technical aspects of scanning beam delivery	<b>J. Flanz</b>
	Clinical aspects of proton beam delivery	<b>D. Weber</b>
	Introduction to proton treatment planning	<b>T. Lomax</b>
12:50 PM - 01:50 PM	Lunch	
01:50 PM - 03:50 PM	<b>Session Scientific– III</b>	
	<b>Chairpersons: SD Sharma and Paul Ravindran</b>	
	Clinical commissioning (including basic dosimetry)	<b>N. Schreuder &amp; H. Nyström</b>
	Treatment planning, continued	<b>T. Lomax</b>
	Imaging and patient alignment	<b>N. Schreuder</b>
	Q&A and Discussion on Session 1-3	<b>Dayananda Sharma</b>
03:50 PM - 04:10 PM	Tea Break	
04:10 PM - 05:50 PM	<b>Session Scientific– IV</b>	
	<b>Chairpersons: PK Dash Sharma and RK Munjal</b>	
	Uncertainties; sources and consequences	<b>H. Nyström</b>
	Motion and motion mitigation	<b>N. Schreuder</b>
	Quality Assurance	<b>J. Flanz</b>
05:50 PM - 06:10 PM	APCC preview with Tea Break	
06:10 PM - 06:45 PM	<b>Inaugural Ceremony and Felicitation of PTCOG Faculty</b>	
06:10 PM	Welcome and Introduction	<b>Rakesh Jalali</b> Medical Director, APCC
06:15 PM	Invitation and welcome of dignitaries onto the dais	
	<b>Chief Guest : Dr Prathap C Reddy, Chairman, Apollo Group</b>	
	Ms Preetha Reddy, Exec. Vice-Chairman, Apollo Group	
	Dr Jay Flanz, Chairman, PTCOG	
	Shri SA Bhardwaj, Chairman, AERB, India	
	Mr Harshad Reddy, Director, Apollo Group	
06:20 PM	Lighting of the auspicious lamp (Kuthuvilakku)	
06:25 PM	Welcome and Apollo Oncology Vision	<b>Dr Preetha Reddy</b>
06:30 PM	Address by PTCOG Chairman	<b>Dr Jay Flanz</b>
06:35 PM	Special Message by Chairman, AERB	<b>Shri SA Bhardwaj</b>
06:40 PM	Special Address by Chief Guest	<b>Dr Prathap C Reddy</b>
06:55 PM	Felicitations of Guests and PTCOG Faculty	
07:00 PM	Vote of thanks	<b>Mr Harshad Reddy</b>
07.00 PM	Dinner	

## SCIENTIFIC PROGRAM

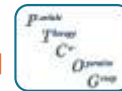
Day-2, 3<sup>rd</sup> Nov.

Time	Session	Speaker
08:30 AM - 10:10 AM	<b>Session Scientific – V</b>	
	<b>Chairpersons: Vijayanand Reddy and Tejinder Kataria</b>	
	Overview of clinical indications	<b>E. Hug</b>
	Bringing Particle therapy to South East Asia	
	Challenges and opportunities	<b>R. Jalali</b>
	CNS including base of skull tumours	<b>P. Witt Nyström</b>
10:10 AM - 10:30 AM	<b>Tea Break</b>	
10:30 AM - 12:30 PM	<b>Session Scientific– VI</b>	
	<b>Chairpersons: AK Anand &amp; Melvin Chua</b>	
	Thoracic tumours, including breast	<b>R. Rengan</b>
	Head and neck tumours	<b>P. Witt Nyström</b>
	Abdominal and GI tumours	<b>R. Rengan</b>
	Q&A and Discussion on Session 5-6	<b>Srinivas Chilukuri</b>
12:30 PM - 01:30 PM	<b>Lunch</b>	
01:30 PM - 03:40 PM	<b>Session Scientific– VII</b>	
	<b>Chairpersons: S Laskar and T Ganesh</b>	
	Paediatrics	<b>D. Weber</b>
	Paraspinal/spinal/recurrent/Gyn	<b>E. Hug</b>
	Adaptive Proton Therapy	<b>P. Witt Nyström &amp; T. Lomax</b>
	Clinical evidence, trials and outlook	<b>E. Hug</b>
03:40 PM - 04:00 PM	<b>Tea Break</b>	
04:00 PM - 05:00 PM	<b>Session Scientific - VIII</b>	
	<b>Chairpersons: DD Deshpande and Sapna Nangia</b>	
	Getting started with a new facility	<b>E. Hug &amp; H. Nyström</b>
	Discussion and Q&A	<b>H. Nyström &amp; D. Weber</b>
05:00 PM	<b>Closing Remarks</b>	



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