

Opening /	Educational Sessions	Physics Sessions
RTT Sessions	Clinical Sessions	Faculty
Steering	Manufacturer user meeting	Industry Sessions (not included in CME/CPD)
RTT Sessions	New Investigator Session	Keynote Speakers
Sub-	Clinics Sessions	Moderated E-Poster Sessions
New Horizons	Biology Sessions	

Monday, 10 June, 2019		
EDUCATIONAL SESSIONS		
Time	Charter 1	Charter 2+3
08:00-10:00		Educational Session 01 Opening Ceremony: Welcome Words PTCOG overview - Opportunities Rationale for Particles Physics of Particle Beams
10:00-10:30	Coffee Break (Gallery Foyer)	
10:30-12:00	Educational Session: Physics Session 01 Modern Proton Treatment planning Uncertainties	Educational Session: Clinics Session 01 Selection Criteria for particles Base of Skull GI
12:00-13:00	Lunch Break (Gallery Foyer)	
13:00-15:00	Educational Session: Physics 02 Patient Alignment and Motion Management Comparison of Technologies and Workflow: IMRT and IMPT Workflow Efficiency	
13:15:-15:00		Educational Session: Biology Session 01 Introduction Molecular and Cellular Modelling 3D Tissue Modelling RBE Modelling
15:00-15:30	Coffee Break (Gallery Foyer)	

15:30-17:00	Educational Session: Physics 03 Technical Aspects of Beam Delivery Radiation Biology (Basic Principles)	Educational Session: Clinics Session 02 Uncertainties (Clinical) Modern Proton Treatment planning (Clinical + Uncertainties) Radiation Biology (Bio optimization)
17:00-17:15	Break	
17:15-18:45	Welcome Reception (Gallery Foyer)	

Tuesday, 11 June, 2019

EDUCATIONAL SESSIONS

	Charter 1	Charter 2+3	Exchange Room 1	Exchange Room 9
08:00-10:00		Educational Session: Clinics Session 03 Lung Breast Re-Irradiation		
09:20-10:00				Knowledge Hub: Knowledge Hub Session 01 Welcome to Knowledge Hub Research Vision for Particle therapy an EU perspective
10:00-10:30	Coffee Break (Gallery Foyer)			
10:30-12:00	Educational Session: Physics Session 04 Commissioning, machine and patient QA Measurement tools required to operate a PT system	Educational Session: Clinics Session 04 GU-Prostate CNS Head and Neck		Knowledge Hub: Knowledge Hub Session 02 Ramping up to treatment lessons learnt Research Vision for Particle therapy a US perspective Procuring and Developing a Clinical Service
12:00-13:00	Lunch Brak (Gallery Foyer)			
13:00-15:00	Educational Session: Physics Session 05 Radiation Shielding Accelerators Round Table Discussions	Educational Session: Clinics Session 05 Lymphoma Liver Ophthalmic Treatments Round Table - Challenging Cases for Planning		Knowledge Hub: Knowledge Hub Session 03 Building a proton paediatric service Dutch model of patient selection 10 years of treating with ions Building a national framework of clinical trials
15:00-15:30	Coffee Break (Gallery Foyer)			

15:30-16:30		Educational Session: Clinics Session 06 Pediatrics Clinical experience with ions	Educational Sessions: RTT / Radiographer Operational Workflow Immobilisation used in proton therapy	Knowledge Hub: Knowledge Hub Session 04 European Particle Therapy Network Building a research capability
16:30-16:40	Short Break			
16:40-17:20		Plenary Future Outlook		
17:30-18:45		Closing Ceremony		

Wednesday, 12 June, 2019

EDUCATIONAL SESSIONS

Time	Exchange Auditorium	Exchange Room 1	Exchange Room 2+3	Exchange Room 4+5	Exchange Room 6+7	Exchange Room 8	Exchange Room 9	Exchange Room 10	Exchange Room 11
08:00-10:00		Manufactu-rer User meeting 1	Manufactu-rer User meeting 2	Manufactu-rer User meeting 3	Manufactu-rer User meeting 4	Manufactu-rer User meeting 5	Manufacturer User meeting 6	Manufacturer User meeting 7	Manufacturer User meeting 8
10:00-10:30	Coffee Break (Exhibition Hall)								
13:00-12:00		Manufactu-rer User meeting 1 (Cont.)	Manufactu-rer User meeting 2 (Cont.)	Manufactu-rer User meeting 3 (Cont.)	Manufactu-rer User meeting 4 (Cont.)	Manufactu-rer User meeting 5 (Cont.)	Manufacturer User meeting 6 (Cont.)	Manufacturer User meeting 7 (Cont.)	Manufacturer User meeting 8 (Cont.)
12:00-13:30	Lunch Break (Exhibition Hall)								
12:00-15:30		Sub-Committees meetings	Sub-Committees meetings	Sub-Committees meetings	Sub-Committees meetings	Sub-Committees meetings	Sub-Committees meetings	Sub-Committees meetings	Sub-Committees meetings
15:30-17:30	Steering Committee								
17:30-18:00	Opening Ceremony								
18:00-20:00	Welcome Reception (Exhibition Hall)								

Thursday, 13 June, 2019

SCIENTIFIC SESSIONS									
	Exchange Auditorium	Charter 1	Charter 2+3	Station 01 Exchange Foyer	Station 02 Exchange Foyer	Station 03 Exchange Foyer	Station 04 Gallery Foyer	Station 05 Gallery Foyer	Station 06 Gallery Foyer
08:00-08:30	Keynote Speakers01 Patient selection and commissioning								
8:30-09:00	Physics Slam "Working title Monte Carlo or Robust"								
09:00-10:00				Biology - E-Poster Discussion: Mathematical Modelling and Simulation					
09:00-10:30	Physics - Oral Presentations: Dose Calculation and Optimisation	Clinics - Oral Presentations: GI, GU, Breast				Biology - E-Poster Discussion: Drug and Immunotherapy Combinations	Physics - E-Poster Discussion: Quality Assurance and Verification		
10:30-11:00	Coffee Break (Exhibition Hall)								
11:00-12:00	Keynote Speakers 02 and 03 Proton outcomes Visual Outcomes after Proton Therapy in Children with Craniopharyngioma				E-Poster Viewing			E-Poster Viewing	
12:00-13:30	12:15-13:15 Industry Sessions 01 (not included in CME/CPD)	Lunch Break (Exhibition Hall)							
13:30-14:30	Physics - Oral Presentations: Image Guidance	Scientific - Oral Presentations: RTT	Biology - Oral Presentations: Mathematical modelling simulation		E-Poster Viewing		Physics - E-Poster Discussion: Absolute and Relative Dosimetry	E-Poster Viewing	Clinics - E-Poster Discussion: Eye / Breast / Pelvis
14:30-15:30	Physics - Oral Presentations: Beam Delivery and Nozzle Design	Clinics - Oral Presentations: Pediatric		Biology - E-Poster Discussion: BNCT		Biology - E-Poster Discussion: Enhanced Biology in Treatment Planning	Physics - E-Poster Discussion: Treatment Planning		General - E-Poster Discussion: New Investigator Session
15:30-16:00	Coffee Break (Exhibition Hall)								
16:00-16:30	Keynote Speakers 04 Interface between physics and biology								
16:30-17:30	Physics - Oral Presentations: 4D treatment and delivery		Biology - Oral Presentations: Drug and Immunotherapy combinations	General - E-Poster Discussion: New Horizons	E-Poster Viewing		Physics - E-Poster Discussion: Dose Calculation and Optimisation	E-Poster Viewing	Clinics - E-Poster Discussion: CNS / Pediatrics / Lung
17:30-18:30	Physics - Oral Presentations: Commissioning new Facilities	General - Oral Presentations: New Investigator Session							

Friday, 14 June, 2019

SCIENTIFIC SESSIONS

	Exchange Auditorium	Charter 1	Charter 2+3	Exchange Room 9	Exchange Room 10	Station 01 Exchange Foyer	Station 02 Exchange Foyer	Station 03 Exchange Foyer	Station 04 Gallery Foyer	Station 05 Gallery Foyer	Station 06 Gallery Foyer
08:00-08:30	Clinics Slam										
08:30-10:00	Innovation 01 Keynote Speakers Proton grid and FLASH irradiations Hyperventilation assisted breath-holds Carbon trials and introduction of carbon in Europe						E-Poster Viewing				
10:00-10:30	Coffee Break (Exhibition Hall)										
10:30-11:30	Interdisciplinary Session Treating Pancreas Cancer with radiation Invited Panel Overview of treating pancreatic cancer with protons Overview of treating pancreatic with carbon overview of physics challenges for treating pancreatic cancer Overview of biological challenges						E-Poster Viewing			E-Poster Viewing	
11:30-13:00	Lunch Break (Exhibition Hall)										
11:45-12:45	Industry Session 02 (not included in CME/CPD)	Industry Session 03 (not included in CME/CPD)		Industry Session 04 (not included in CME/CPD)	Industry Session 05 (not included in CME/CPD)						
13:00-14:00	Innovation 02 Keynote Speakers Lessons learned in broadening the spectrum of clinical indications Immune cell contributions to cancer risk from particle irradiation						E-Poster Viewing			E-Poster Viewing	
14:00-15:30	Clinics - Oral Presentations: Head & Neck	Biology - Oral Presentations: BNCT	Physics - Oral Presentations: Absolute and relative dosimetry			Biology - E-Poster Discussion: Biological Differences between Carbon, Proton and Photons		Biology - E-Poster Discussion: Translational and Biomarkers	Physics - E-Poster Discussion: 4D Treatment and Delivery		
15:30-16:00	Coffee Break (Exhibition Hall)										
16:00-17:00	Innovation 03 Keynote Speakers Advances in Combined Treatment Modality of Ionizing radiation with Anticancer Agents Translational Radiobiology/Radiogenomicser										
17:00-17:30	Biology - Oral Presentations: Enhanced Biology in Treatment Planning						E-Poster Viewing		Physics - E-Poster Discussion: Image Guidance	E-Poster Viewing	
17:30-18:30	Biology - Oral Presentations: Translational and Biomarkers	Physics - Oral Presentations: Adaptive therapy	Clinics - Oral Presentations: Lung / Sarcoma / Lymphoma								Physics - E-Poster Discussion: Commissioning new Facilities
18:30-19:00	Walking Tours										

