

	Opening / Closing Ceremony	Educational Sessions
	RTT Sessions (Education)	Clinical Sessions
	Steering Committee	New Investigator Session
	RTT Sessions (Scientific)	Clinics Sessions
	Sub-Committees	Biology Sessions
	New Horizons Session	Physics Sessions
	Industry Sessions (not included in CME/CPD)	Keynote Speakers
		Moderated E-Poster Sessions
Monday, 10 June, 2019		
EDUCATIONAL SESSIONS		
	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	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)
17:15-18:15	Welcome Reception (Gallery Foyer)	

Tuesday, 11 June, 2019

EDUCATIONAL SESSIONS

	Charter 1	Charter 2+3	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 Break (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 Sessions: RTT / Radiographer Operational Workflow Immobilisation used in proton therapy	Educational Session: Clinics Session 06 Pediatrics Clinical experience with ions	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	
17:30-17:45		Closing words	
17:45 -18:45	Welcome Reception (Gallery Foyer)		

Wednesday, 12 June, 2019

SCIENTIFIC MEETING

	Exchange Auditorium	Charter 1	Exchange Room 2	Exchange Room 3	Exchange Room 4+5	Exchange Room 6+7	Exchange Room 9	Exchange Room 10
12:00-13:00		IPACS Sub-Committee					12:30-13:30 Educational Sub-Committee	
12:00-13:00	Exhibition and Lunch Break (Exhibition Hall)							
13:00-14:00			GI Sub-Committee		Patient Relations Sub-Committee	Pediatric Sub-Committee	13:30-15:00 Scientific Program Sub-Committee	Breast Sub-Committee
14:00-15:00			Optic Sub-Committee	Head & Neck Sub-Committee	Radio-Biology Sub-Committee	Imaging Sub-Committee		Thoracic Sub-Committee
15:00-16:00			GU Sub-Committee		Treatment Efficiency Sub-Committee	Skull Base/Para Spinal/CNS/Sarcoma Sub-Committee	15:00-16:30 Publications Sub-Committee	Lymphoma Sub-Committee
16:00-16:30	Exhibition and Coffee Break (Exhibition Hall)							
16:30-17:30	Steering Committee							
17:30-18:00	Opening Ceremony							
18:00-19:00	Welcome Reception (Exhibition Hall)							

Thursday, 13 June, 2019

SCIENTIFIC MEETING

	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 Speaker 01 Patient selection and commissioning								
08:30-09:00	Physics Slam "Working title Monte Carlo or Robust"								
09:00-10:00				Biology - E-Poster Discussion Session: Mathematical Modelling and Simulation	E-Poster Viewing			E-Poster Viewing	
09:00-10:30	Physics - Oral Presentations: Dose Calculation and Optimisation	Clinics - Oral Presentations: GI, GU, Breast				Biology - E-Poster Discussion Session: Drug and Immunotherapy Combinations	Physics - E-Poster Discussion Session: Quality Assurance and Verification		
10:30-11:00	Exhibition and Coffee Break (Exhibition Hall) and E-Poster Viewing (Gallery and Exchange Foyer)								
11:00-12:00	Keynote Speakers 02 and 03 Proton outcomes Visual Outcomes after Proton Therapy in Children with Craniopharyngioma								
12:00-13:30	12:15-13:15 Industry Sessions 01 (not included in CME/CPD)	Exhibition and Lunch Break (Exhibition Hall) and E-Poster Viewing (Gallery and Exchange Foyer)							
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 Session: Absolute and Relative Dosimetry	E-Poster Viewing	Clinics - E-Poster Discussion Session: Eye / Breast / Pelvis
14:30-15:30	Physics - Oral Presentations: Beam Delivery and Nozzle Design	Clinics - Oral Presentations: Pediatric		Biology - E-Poster Discussion Session: BNCT		Biology - E-Poster Discussion Session: Enhanced Biology in Treatment Planning	Physics - E-Poster Discussion Session: Treatment Planning		General - E-Poster Discussion Session: New Investigator Session
15:30-16:00	Exhibition and Coffee Break (Exhibition Hall) and E-Poster Viewing (Gallery and Exchange Foyer)								
16:00-16:30	Keynote Speaker 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 Session: New Horizons			Physics - E-Poster Discussion Session: Dose Calculation and Optimisation		Clinics - E-Poster Discussion Session: CNS / Pediatrics / Lung
17:30-18:30	Physics - Oral Presentations: Commissioning new Facilities	General - Oral Presentations: New Investigator Session							

Friday, 14 June, 2019

SCIENTIFIC MEETING

	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	Clinics Slam				E-Poster Viewing				
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								
10:00-10:30	Exhibition and Coffee Break (Exhibition Hall) and E-Poster Viewing (Gallery and Exchange Foyer)								
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								
11:30-13:00	Exhibition and Lunch Break (Exhibition Hall) and E-Poster Viewing (Gallery and Exchange Foyer)								
		11:45-12:45 Industry Session 02 (not included in CME/CPD)	11:45-12:45 Industry Session 03 (not included in CME/CPD)		E-Poster Viewing			E-Poster Viewing	
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								
14:00-15:30	Clinics - Oral Presentations: Head & Neck	Biology - Oral Presentations: BNCT	Physics - Oral Presentations: Absolute and Relative Dosimetry	Biology - E-Poster Discussion Session: Biological Differences between Carbon, Proton and Photons	E-Poster Viewing	Biology - E-Poster Discussion Session: Translational and Biomarkers	Physics - E-Poster Discussion Session: 4D Treatment and Delivery	E-Poster Viewing	
15:30-16:00	Exhibition and Coffee Break (Exhibition Hall) and E-Poster Viewing (Gallery and Exchange Foyer)								
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 Session: 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 Session: Commissioning new Facilities

