

ISOP 2018

November 19th - 20th, 2018

2nd International Symposium on Proton Therapy
Heidelberg, Germany



Monday, 19 November 2018

13 h 00	14 h 00	Welcome coffee and registration		
Session 1		Particle Therapy: why, when, how	Chair: J. Debus & O. Jäkel	
14 h 00	14 h 20	Introduction: DKFZ perspective on Particle Therapy	O. Jäkel & J. Debus	DFKZ / Heidelberg University Hospital, Germany
14 h 20	14 h 40	ESTRO and Particle Therapy vision	C. Grau	Aarhus University Hospital, Denmark
14 h 40	15 h 00	The model based approach and German reality	H. Langendijk	UMC Groningen, The Netherlands
15 h 00	15 h 20	Understand patients access to proton therapy	D. Weber	Paul Scherrer Institute, Switzerland
15 h 20	15 h 40	Financials of PT: business models	S. Pieck	OncoRay , University Hospital Carl Gustav Carus Dresden, Germany
15 h 40	16 h 00	Carbon ion and Helium	O. Jäkel	DKFZ, German Cancer Research Center, Germany
16 h 00	16 h 30	HIT: A Platform for Radiation Research	J. Debus	Heidelberg University Hospital, Germany
16 h 30	17 h 00	Q&A + Discussion		
17 h 00	17 h 30	Transfer to Heidelberg Ion-Beam Therapy Center	Im Neuenheimer Feld 400, 69120 Heidelberg, Germany	
17 h 30	19 h 00	Visit of the Heidelberg Ion-Beam Therapy Center		
19 h 00	19 h 30	Transfer to Palais Prinz Carl	Kornmarkt 1, 69117 Heidelberg, Germany	
19 h 30	22 h 00	Dinner at Palais Prinz Carl offered by IBA		

Tuesday, 20 November 2018

8 h 30	9 h 00	Coffee		
Session 2		Proton Therapy: challenges and opportunities	Chair: R. Orecchia	
9 h 00	9 h 20	Moving organs, the challenge	Y. Zhang	Paul Scherrer Institute, Switzerland
9 h 20	9 h 40	Quality Assurance in Particle Therapy	S. Marcelis	IBA, Belgium
9 h 40	10 h 00	Effects on Immune system	M. Durante	GSI Helmholtz Center, Darmstadt, Germany
10 h 00	10 h 20	Treatment adaptation in proton therapy	M. Schwartz	APSS, Trento, Italy
10 h 20	10 h 40	German Proton Therapy landscape	M. Krause	OncoRay , University Hospital Carl Gustav Carus Dresden, Germany

10 h 40	11 h 10	Coffee break		
Session 3		Proton Therapy indications and patient selection	Chair: K. Herfarth	
11 h 10	11 h 30	Ocular	J. Gollrad	Charité, Berlin, Germany
11 h 30	11 h 50	Head & Neck / Brain	M. Krause	OncoRay , University Hospital Carl Gustav Carus Dresden, Germany
11 h 50	12 h 10	Pediatric	B. Timmermann	Westdeutsches Protonentherapiezentrum Essen, Germany
12 h 10	12 h 30	Skull base	D. Weber	Paul Scherrer Institute, Switzerland
12 h 30	12 h 50	Re-irradiation	D. Geismar	Westdeutsches Protonentherapiezentrum Essen, Germany
12 h 50	13 h 10	Lymphoma	L. König	Heidelberg University Hospital, Germany
13 h 10	14 h 30	Lunch offered by IBA		
Session 4		The future of proton therapy	Chair: O. Jäkel	
14 h 30	15 h 20	Photons or Protons - Debate	R. Orecchia	European Institute of Oncology, Milan, Italy
15 h 20	15 h 40	PET-CT / Prompt-Gamma	J. Seco	DKFZ, German Cancer Research Center, Germany
15 h 40	16 h 00	MR-PT, realistic or futuristic?	A. Hoffmann	OncoRay , University Hospital Carl Gustav Carus Dresden, Germany
16 h 00	16 h 20	MR-PT, a clinical perspective	J. Hörner-Rieber	Heidelberg University Hospital, Germany
16 h 20	16 h 40	New technologies and innovation	D. Prieels	IBA, Belgium
16 h 40	16 h 50	HDR - mini beams	O. Jäkel	DKFZ, German Cancer Research Center, Germany
16 h 40	17 h 00	Closing	O. Jäkel & K. Herfarth	DFKZ / Heidelberg University Hospital, Germany
17 h 00	17 h 30	Farewell coffee		

This Symposium is organized by the Heidelberg University Hospital and the German Cancer Research Center (DKFZ), supported by an unrestricted educational grant from IBA.

IBA will sponsor the travel expenses of all speakers and the catering during the course for all participants.