

	Monday, July 29, 2024 Mathematical Algorithms, AI, Large Scale Computing
Time (PDT)	
7:30 AM	Welcome & Daily Overview
8:00 AM	Yair Censor: From Feasibility-Seeking to Superiorization in Intensity-Modulated Radiation Therapy Treatment Planning: A Bird's Eye View
9:00 AM	Philipp Süß: Multicriteria Optimization and Interactive Decision-Making in Radiotherapy Treatment Planning.
10:00 AM	Coffee & Snacks
10:30 AM	Jan Schröder: Immunity to increasing condition numbers of linear superiorization versus linear programming
11:00 AM	Lei Xing: The Role of AI in Clinical Radiation Oncology
12:00 PM	Lunch Break
1:00 PM	Francesco Mariotti: Dosimic: Enhancing Radiotherapy and Exploring Applications in Proton Therapy
1:30 PM	João Figueiredo Canhoto: Extending the Ionization Cluster Size Distribution of the Associated Volume Algorithm to $v=0$ using Statistical Learning Methods (PhD project update)
2:00 PM	Lawrence Orijuela: Definition of the 3D Position and Motion Status of the Moving Heart based on 2D Projections (MS project update)
2:30 PM	Coffee & Snacks
3:00 PM	Free Time
4:00 PM	
5:00 PM	
6:00 PM	Workshop Dinner at Benjarong