Time (PDT)	Monday, July 31, 2023
6:00 AM	Welcome & Daily Overview
6:30 AM	Yair Censor: **Superiorization: The asymmetric roles of feasibility-seeking and objective function reduction**
7:30 AM	Jochen Fink: **Bounded Perturbation Resilience of the Adaptive Projected Subgradient Method**
8:00 AM	Coffee & Snacks
8:30 AM	Elena Fogazzi: **A novel proton CT biologic phantom to verify x-ray CT calibration in proton treatment planning**
9:00 AM	Rita Viegas: **MACACO: a Compton Camera prototype for in-vivo hadron therapy treatment monitoring**
9:30 AM	Sam Flynn: **Monitoring and Quality Assurance of scanned proton pencil beams using a CMOS detector**
10:00 AM	Ines Butz: **Deep Learning for Patient-Specific Calibration of X-Ray CT Based on Sparse Ion Radiographies**
10:30 AM	George Coutrakon: **Proton Range Verification for X-ray CT and Proton CT based Treatment Plans ; A case study**
11:00 AM	Joseph Piet: **Update on Full 6D Patient Alignment using a Single Beam's Eye Proton Radiograph with X-Ray CT DRRs**
11:30 AM	Fritz DeJongh: **List-mode proton imaging, adaptive proton therapy, and early cancer detection**
12:00 PM	Lunch Break
12:30 PM	
1:00 PM	Felix Ulrich-Pur: **Development of a time-of-flight ion computed tomography system based on ultra-fast silicon sensors**
1:30 PM	Shubhangi Makkar: **PETITION (PET for intensive care units and innovative proton therapy) project for proton therapy**
2:00 PM	Mohammed Abujami: **Counting beam particles in ion therapy: status and perspectives**
2:30 PM	Mitchell Herrick: **Patient specific calibration of CBCT images with proton radiography for adaptive proton therapy**
3:00 PM	Coffee & Snacks
3:30 PM	Free Time
4:00 PM	
4:30 PM	
5:00 PM	
8:00 PM	Workshop Dinner