

Arizona Chapter of the AAPM (AzAAPM): From Past to Present (<https://www.arizonaaapm.org/>)



Chapter Officers: **Yuxiang Zhou, PhD** (President); **Jonathan Thropay, MS**, (Secretary/Treasurer)
Courtney Buckey, PhD, (Past President), **Jason Shen, PhD** (Board Representative)

March, 2000: First recorded meeting – AzAAPM is born!

July, 2012: Formal recognition of AzAAPM as an official chapter

April 6th, 2013: First annual meeting of the AzAAPM

March 30, 2024: 11th annual meeting of the AzAAPM

11th AzAAPM Annual Meeting

2024 Program (03/30/2024, 6 CAMPEP CME Credits):

- 8:10 – 8:30 Dr. Stephen Sapareto, Banner Health, AAPM Arizona Chapter: Past, Present and Future
- 8:30 -9:00 Dr. Ichiro Ikuta, Mayo Clinic at Arizona, 7T MR Imaging for Clinical Applications
- 9:00 -9:30 Mr. Michael Tallhamer, AdventHealth, First experience with DoseRT: A real-time Cherenkov imaging system for monitoring of dose delivery
- 9:30 -10:00 Dr. Wei Liu, Mayo Clinic at Arizona, Artificial Generative Intelligence in Radiation Oncology
- 10:30 – 11:00 Dr. Rebecca Lamoureux, University of New Mexico, Medical Physics Educators Roadshow
- 11:00 – 11:30 Dr. Yunhong Shu, Mayo Clinic at Rochester, Safety of MRI in patients with implanted device
- 11:30 – 12:00 Dr. Elizabeth Covington, University of Michigan, RO-ILS updates, and RO-ILS Practice at Michigan
- 12:00 – 12:30 Dr. Courtney Buckey, Mayo Clinic at Arizona, Three Sites’ experience with an internal ILS
- 1:30-1:50 Dr. Xiaoning Ding, Mayo Clinic at Arizona, Opportunity, and Challenge in Implementing RadOnc Facility in Abu Dhabi
- 1:50-2:05 Ms. Monica Senese, University of Arizona at Tucson, TG 307: The Use of EPIDS for PSQA
- 2:05-2:25 Mr. Timothy Johnson, University of Arizona at Tucson, Impact of Radial Source Positioning Uncertainty on HDR Cylinder Treatment Plan
- 2:25-2:45 Dr. Peilong Wang, Mayo Clinic at Arizona, Fine-Tuning Large Language Models for Radiation Oncology
- 2:45-3:00 Dr. Gevork Gevorkyan, Mayo Clinic at Arizona, Realizing Clinical Use Limitations: Applicability of Per-Fraction Dose Guided Adaptive Radiation Therapy in Prostate Cancer Patients
- 3:30 - 4:00 Dr. Yuzhen Ding, Mayo Clinic at Arizona, Accurate Patient Alignment with “Zero” Imaging Dose: Synthesizing Patient-specific 3D CT Images from 2D kV Images
- 4:00 – 4:30 Dr. Yuxiang Zhou, Mayo Clinic at Arizona, Interventional /Hybrid MR Safety
- 4:30 – 5:00 AzAAPM Chapter Business Meeting

Speakers Highlights:



Yuxiang and Jonathan Kick off the meeting



Steve receives service award



Dr. Ikuta speaks of 7T MR



Mr. Tallhamer speaks of DoseRT



Dr. Liu presents AI in Rad Onc



Dr. Covington presents ROILs

Past AzAAPM Annual Meeting

Meeting #	1	2	3	4	5	6	7	8	9	10
Years	2013	2014	2015	2016	2017	2018	2019	2020	2022	2023

