



Radiation Oncology Committee Workshop Agenda
CENTER OF INNOVATION IN RADIATION ONCOLOGY (CIRO)



Date: Friday, January 10, 2020
Start and End Time: 8:00 am – 10:00 am
Chair: Jeff Michalski, MD
Co-Chairs: Ivy Petersen, MD and Evan Wuthrick, MD

WORKSHOP AGENDA

- 8:00 – 8:02** **Welcome / Introduction** Jeff Michalski, MD
- 8:02 – 8:35** **Symposium Theme “Artificial Intelligence and Machine Learning in Radiation Oncology”**
Evan Wuthrick, MD
(Chair of Symposium)
AI and machine learning are changing our approach to medicine and the future of healthcare.
- AI Application in Clinical Trials**
- Ying Xiao, PhD - Artificial Intelligence in Cooperative Group clinic trials***
- Julian Hong, MD - Current use of artificial intelligence in the Radiation Oncology Clinical Realm***
- Issam El- Naqa, PhD – The future of Artificial Intelligence in Radiation therapy research and planning***
- 8:35– 8:50** **Update on NCTN Cooperative Cores**
- a. Imaging and Radiation Oncology Core (IROC) RT Update David Followill, PhD
Denise Manfredi, BS
 - b. Imaging and Radiation Oncology Core (IROC) Imaging Update Michael Boss, PhD
- 8:50– 8:55** **Overview of Medical Physics** Stan Benedict, PhD
- 8:55 – 9:55** **Disease Site Liaisons Reports**
- a. H&N (8 min.) Sue Yom, MD / Min Yao, MD
 - b. Brain (8min.) Christina Tsien, MD / Tong Wang, MD
 - c. Breast (8 min.) Steven Chmura, MD / Simona Shaitelman, MD
 - d. Gyn (8 min.) Sushil Beriwal, MD / Mark Bernard, MD
 - e. GI (8 min.) Evan Wuthrick, MD / Emma Holliday, MD
 - f. GU (8 min.) Dan Krauss, MD / Hiram Gay, MD
 - g. Lung (8 min.) Charles Simone, MD / Greg Videtic, MD
 - h. Sarcoma (4 min.) Philip Wong, MD / Dian Wang, MD
- 9:55 – 10:00** **Other Business / Q & A Discussion**