This week's seminar will be virtual; there will be no in-person presentation. Meeting link: https://purdue.webex.com/meet/kstantz

“FLASH Proton Radiation Therapy: Challenge and Opportunity”

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Tuesday, November 17, 2020
4:30-5:30 PM Eastern Time (US and Canada)

Abstract:

Recent studies show that ultra-high dose rate (> 40Gy/s) radiation therapy (FLASH-RT) spares normal healthy tissues while having the same efficacy in tumor control as conventional dose rate RT. The preclinical proton beamline at University of Washington has the capability to generate FLASH proton beam. The development, dosimetry and preliminary studies of the FLASH proton RT will be discussed.

Host – Dr. Keith Stantz