

Physics Department Seminar

John
Roy

Friday April 12th, 2001

11:00am in PhSc 105

“Software Engineering and Cancer Therapy”



Mr. Todd Powell
Vice President of Engineering
IMPAC Medical Systems
(CSU Chico Physics Graduate 1990)



Abstract:

Over the last decade, significant technological advancements have been made in the field of radiation therapy for cancer patients. More importantly, it is widely believed that over time, these advancements will prove to be more effective and efficient in fighting cancer.

This presentation will focus on a number of these developments from a software engineering perspective including: diagnostic imaging and radiation dose distribution planning; obstacles to effective radiation delivery and emerging techniques.