



# 2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

## Tuesday, 8 June 2021

**TS-6-2 CAP-COMP Medical Physics (DPMB Symposium) / Physique médicale ACP-OCPM (Symposium DPMB) (13:30 - 15:15)**

-Conveners: Cornelia Hoehr

time	[id] title	presenter
13:30	[682] (I) A Generalizable and Efficient Deep Learning Algorithm for Automatic Prostate Segmentation in 3D Ultrasound	ORLANDO, Nathan
14:00	[79] Optical fibers as dosimeter detector for proton/neutron fields – a biological dosimeter	Ms NIEDERMEIER, Jana
14:05	[81] (G*) Three-dimensional tumor spheroids as a tool to optimize the nano-bio interface	BROMMA, Kyle
14:10	[91] Combining gold nanoparticles with other radiosensitizers for unlocking the full potential of cancer radiotherapy	CHITHRANI, Devika
14:15	[731] (I) Use of Light Absorbing Polymers for Quantitative Measure of Ionizing Radiation Dose: Challenges and Opportunities	Dr RINK, Alexandra
14:45	[8] Evaluating Machine Learning Models in Predicting the Dose Distribution Index in Radiation Treatment Planning QA	Dr CHOW, James
14:50	[9] An AI-assisted Chatbot for Education in Radiotherapy	Dr CHOW, James
14:55	[299] (G*) Characterization of modified radiochromic materials for measuring ionizing radiation	KAIYUM, Rohith
15:00	TS-6-2 Break (15 minutes)	