



# III Jornadas RSEF / IFIMED de Física Médica

## Monday 14 December 2020

### Session 1 (15:30-17:30)

time	[id] title	presenter
15:30	[6] Microdosimetry for proton radiotherapy	BERTOLET, Alejandro
15:45	[8] First 2D Microdosimetry Measurements in Proton Therapy	BACHILLER-PEREA, Diana
16:00	[13] Dictionary-based Protoacoustic Imaging for Proton Range Verification	FREIJO ESCUDERO, Clara
16:15	[16] FLASH proton irradiation of normal and breast cancer cells	SANCHEZ PARCERISA, Daniel
16:30	[26] UNDERSTANDING THE TRANSITION TO FLASH: THE NEXT REVOLUTION IN THE TREATMENT OF CANCER	ESPINOSA RODRÍGUEZ, Andrea
16:45	[27] Production of $\beta^+$ emitters for range verification at the WPE proton therapy centre	RODRÍGUEZ GONZÁLEZ, M <sup>a</sup> Teresa
17:00	[28] Developing a prototype of pCT scanner	Dr. BRIZ MONAGO, JOSE ANTONIO
17:15	[31] Towards a detailed simulation of the physics underlying hadrontherapy: from beam propagation to biodamage on the nanoscale	DE VERA, Pablo