



# 2024 CAP Congress / Congrès de l'ACP 2024

## Tuesday 28 May 2024

### DAMOPC Poster Session & Student Poster Competition (10) | Session d'affiches DPAMPC et concours d'affiches étudiantes (10) - PAB Hallways (17:45 - 19:15)

time	[id] title	presenter
17:45	[4463] (G*) (POS-57) Towards superfluid flow experiments with periodic boundary conditions	FOROUHARMANESH, Forouzan
17:47	[4417] (G) (POS-55) Interatomic Coulombic Decay in slow He+- and He2+- Ne2 collisions	STARKO, Darij
17:49	[4362] (UG*) (POS-52) Comparison of Pulse-Propagation Equations using Raman Effect and Kerr Instability Amplification	FAROOK, Fadi
17:51	[4342] (G*) (POS-51) Deployable quantum memory systems in optical communications	GREGORY, Kenneth Mr SOCHA, Konrad
17:53	[4328] (G) (POS-50) Nonrelativistic Eigenvalues and QED Effects for the High- $n$ Rydberg States of Helium	Dr DRAKE, Gordon
17:55	[4118] (G*) (POS-49) Photodetector for biosensing: Dye sensitized solar cells for hemoglobin quantification	Mr MAJLUF SUAREZ, Sergio
17:57	[4501] (G*) (POS-58) Fabrication and surface chemistry of uranium oxide films for $\alpha$ -irradiation experiments	AMIRIYARAHMADI, Hossein
17:59	[4437] (G*) (POS-56) An Integrated Machine Learning Strategy for Estimating the Optimal Process Conditions in Femtosecond Laser-induced Microporous Structures	REN, Jun
18:01	[4407] (G) (POS-54) Quantifying radiolysis effects for in-situ Rutherford backscattering spectrometry (RBS)	FELTHAM, Hunter
18:03	[4399] (UG*) (POS-53) Multimodal approach towards to hydrogen depth profiling	GRIFFITH, Casee