



**ANNOUNCEMENT**  
**CAP BEST STUDENT PAPER COMPETITION - POSTER**  
**DIVISION FINALISTS**

<b>Student Name and Affiliation (alphabetical order)</b>	<b>Title</b>	<b>Division</b>
Sanyasi Rao Bobbara Queen's University	POS-51 - Light-soaking effects on Organic Semiconductor-based diodes	<b>DCMMP</b>
Jack Davis University of Waterloo	POS-34 - Quantum Reference Frames, 1+1 Newtonian Gravity, and Entanglement in a 3-Body System	<b>DTP</b>
Hourieh Exir University of Ottawa	POS-31 - Characterization and evaluation of femtosecond laser-induced periodic surface structure with different periodicities on titanium to improve osseointegration of dental and orthopedic implants	<b>DPMB</b>
Andrew Erlandson Canadian Nuclear Labs	POS-37 - Process system bursts and cosmic ray muon events in DEAP-3600	<b>PPD</b>
Chris Gustin Queen's University	POS-9 - Polaron master equation theory of an on-demand quantum dot single-photon source through cavity-assisted stimulated adiabatic Raman passage (STIRAP)	<b>DAMOPC</b>
Carl Rethmeier Carleton University	POS-40 - Position Reconstruction and Monte Carlo Tuning in DEAP-3600	<b>PPD</b>
Sai Sreesh Venuturumilli University of Waterloo	POS-2 - Loading laser-cooled atoms into a cavity formed by a hollow-core fiber capped with a pair of dielectric metasurfaces	<b>DAMOPC</b>