



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

## Monday 7 June 2021

### M3-1 Nonlinear and Quantum Optics (DAMOPOC) / Optique non linéaire et optique quantique (DPAMPC) (15:45 - 16:30)

-Conveners: Duncan O'Dell

time	[id] title	presenter
15:45	[574] (I) Nonlinear Atomic Force Microscopy	MARZLIN, Karl-Peter
15:50	[575] (I) Prospects for quantum computing with Ba <sup>+</sup> ions	Prof. SENKO, Crystal
15:55	[591] (I) Polarization control of spontaneous emission for rapid quantum state initialization	RANGAN, Chitra
16:00	[282] Time-resolved spectroscopy of Xe giant plasmonic resonance by in situ measurement method	Dr KO, Dong Hyuk
16:04	[287] (U*) Connection between non-analyticities and universal structures in many-body systems	LINTEAU, David
16:08	[293] Multidimensional Raman Solitons as Drivers of the High Harmonic Generation Process	LÉGARÉ, Katherine
16:12	[360] (G*) Broadband and high sensitivity THz system with grating-assisted noncollinear phase-matching	CUI, Wei
16:16	[440] (U*) Calculation of High Harmonic Spectrum from a 1D periodic potential	KUKREJA, Shubham
16:20	[507] High Harmonic Generation and Strong Field Dynamics in a Wannier Basis	ERNOTTE, Guilmot
16:24	Group discussion	