



Contribution ID: 497

Type: **Invited talk**

All in a spin: rotational levitated optomechanics

Wednesday 14 December 2022 14:00 (30 minutes)

Optical levitation of micro and nanoparticles in vacuum offer new approaches for precision measurement and fundamental physics. We will discuss the use of rotational degree of freedom for achieving high Q values, rotational-translational dynamics and sympathetic cooling of microparticles.

Author: DHOLAKIA, Kishan

Presenter: DHOLAKIA, Kishan

Session Classification: Australian and New Zealand Conference on Optics and Photonics

Track Classification: ANZCOP: ANZCOP: Microscopy, spectroscopy and imaging