



Contribution ID: 771

Type: **Poster**

## High-order image correlation spectroscopy for fluorescent nanoparticle microscopy

*Thursday 15 December 2022 18:45 (15 minutes)*

We present a new theory of high-order image correlation spectroscopy capable of addressing emission QY distribution of fluorescence species, a common occurrence in silicon, plasmonic or semiconductor nanoparticle-based biolabellers.

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**Session Classification:** Poster session

**Track Classification:** ANZCOP: ANZCOP: Biophotonics