

Invited talk

## Frequency Comb Interferometry

**Picqué N.**<sup>†</sup>

*Max Born Institute, Berlin, Germany*

<sup>†</sup>Nathalie.Picque@mbi-berlin.de

Optical frequency combs have enabled absolute measurements of any optical frequency. A successful application beyond the original purpose, dual-comb interferometers without moving parts, conceptually advances interferometry by enabling direct frequency measurements over a broad spectral bandwidth, with no geometric limitations on resolution. This creates new scientific opportunities in a growing number of fields including spectroscopy, metrology and 3D imaging.