24th Australian Institute of Physics Congress



Contribution ID: 495

Type: Poster

Ray Tracing for Refractive Index Matching Free Optical Projection Tomography

Tuesday 13 December 2022 18:45 (15 minutes)

Reconstruction techniques with the aid of ray tracing are investigated for a custom-built OPT system operated without applying index matching material to strongly refracting objects.

Primary author: Ms LIANG, Zixin (Centre for Gravitational Astrophysics, The Australian National University)

Co-authors: Prof. SHEPPARD, Adrian (Department of Materials Physics, The Australian National University); Dr MYERS, Glenn (Department of Materials Physics, The Australian National University); Dr FLEDDER-MANN, Roland (Centre for Gravitational Astrophysics and Department of Materials Physics, The Australian National UniversityUniversity)

Presenter: Ms LIANG, Zixin (Centre for Gravitational Astrophysics, The Australian National University)

Session Classification: Poster session

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