

6th Workshop on Applications of Dielectric Laser Accelerators

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction and Overview of ACHIP Applications

Tuesday 21 February 2023 09:00 (30 minutes)

Presenter: ENGLAND, Joel (SLAC)

Contribution ID: 2

Type: **not specified**

Interfacing Photonics with Electron Microscopy

Tuesday 21 February 2023 09:30 (40 minutes)

Presenter: Prof. ROPERS, Claus

Contribution ID: 3

Type: **not specified**

Low loss silicon nitride nonlinear integrated photonic circuits for electron microscopy

Tuesday 21 February 2023 10:10 (40 minutes)

Presenter: Prof. KIPPENBERG, Tobias (EPFL)

Contribution ID: 4

Type: **not specified**

An approach towards spatiotemporal electron beam focusing

Tuesday 21 February 2023 11:10 (40 minutes)

Presenter: Prof. GARCIA DE ABAJO, Javier (ICFO)

Contribution ID: 5

Type: **not specified**

Internal Smith-Purcell Radiation from Electron Beams

Tuesday 21 February 2023 11:50 (40 minutes)

Presenter: Prof. SZCZEPKOWICZ, Andrzej (Wroclaw Univ)

Contribution ID: 6

Type: **not specified**

Free electron quantum degeneracy and decoherence

Tuesday 21 February 2023 13:30 (40 minutes)

Presenter: Prof. BATELAAN, Herman (Univ Nebraska-Lincoln)

Contribution ID: 7

Type: **not specified**

Accelerator-based Searches for sub-GeV Dark Matter

Tuesday 21 February 2023 14:10 (40 minutes)

Presenter: Dr NELSON, Tim (SLAC)

Contribution ID: 8

Type: **not specified**

Opportunities for ACHIP-coupled robotics platforms in electron beam radiotherapy

Tuesday 21 February 2023 15:10 (40 minutes)

Primary author: Prof. BROWN, Cameron (QUT)

Presenters: Prof. BROWN, Cameron (QUT); Mr TYE, Jayden (QUT)

Contribution ID: 9

Type: **not specified**

Novel Application of a Pulsed Electron Linear Accelerator as a Single Event Effects Simulator

Tuesday 21 February 2023 15:50 (40 minutes)

Presenter: ALLEN, Gregory (JPL / NASA)

Contribution ID: **10**

Type: **not specified**

Discussion Period + Group Photo

Tuesday 21 February 2023 16:30 (30 minutes)