



Contribution ID: 11

Type: Talk (remote)

Chip-size accelerator enabled single-electron FEL

Wednesday, 12 April 2023 16:20 (20 minutes)

Our study shows that a single electron or a train of single electrons from a dielectric laser accelerator is able to excite laser-like radiation from a nano-photonic chip.

Speaker's Title

Prof.

Speaker's Gender

Man

Speaker's Preferred name (if any)

Speaker's Pronouns

Speaker's Name

Yen-Chieh Huang

Primary authors: Mr SHIRVANI, Hossein (National Tsing Hua University); Mr PENG, Luo-hao (National Tsing Hua University); Mr CHEN, Wen-Chi (National Tsing Hua University); Prof. HUANG, Yen-Chieh (National Tsing Hua University)

Presenter: Prof. HUANG, Yen-Chieh (National Tsing Hua University)

Session Classification: Room 2 (Conferece Room)

Track Classification: WG4: Innovative accelerator techniques