

Third CLARA User Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Tuesday, 5 July 2022 10:00 (5 minutes)

Presenter: CLARKE, Jim (UKRI-STFC Daresbury Laboratory/CI)

Contribution ID: 2

Type: **not specified**

Exploitation process and highlights from feedback

Tuesday, 5 July 2022 10:15 (30 minutes)

Overview of the call process, planning and scheduling of shifts, Highlights from exploitation user and staff feedback

Presenters: NOAKES, Tim (UKRI-STFC Daresbury Laboratory/CI); NOAKES, Tim (STFC)

Contribution ID: 3

Type: **not specified**

Discussion

Contribution ID: 4

Type: **not specified**

Study of the transverse beam dynamics in Dielectric Wakefield Accelerating structures

Tuesday, 5 July 2022 11:00 (20 minutes)

Presenter: SAVELIEV, Yuri (UKRI-STFC Daresbury Laboratory/CI)

Contribution ID: 5

Type: **not specified**

Data Analysis & External Injection at CLARA

Tuesday, 5 July 2022 11:20 (20 minutes)

There will be a 10 minute presentation on Data Analysis at CLARA from Lewis Reid followed by another talk on External Injection at CLARA from Laura Corner

Presenters: CORNER, Laura (University of Liverpool/CI); Dr CORNER, Laura (Cockcroft Institute, University of Liverpool); REID, Lewis (University of Liverpool/CI)

Contribution ID: 6

Type: **not specified**

Plasma-afterglow-based feedback and laser-ionized plasma lenses

Tuesday, 5 July 2022 11:40 (20 minutes)

Presenter: KNETSCH, Alexander

Contribution ID: 7

Type: **not specified**

Misusing CLARA: Detection of individual MeV electrons using a charge integrating hybrid pixel detector

Tuesday, 5 July 2022 13:40 (20 minutes)

Presenter: FRÖJD , Erik (PSI)

Contribution ID: 8

Type: **not specified**

VHEE Cell and plasmid DNA damage experiments at CLARA

Tuesday, 5 July 2022 13:00 (20 minutes)

Presenters: WANSTALL, Hannah; JONES, Roger (University of Manchester/CI)

Contribution ID: 9

Type: **not specified**

THz driven acceleration

Tuesday, 5 July 2022 13:20 (20 minutes)

Presenters: JAMISON, Steven; JAMISON, Steven (Lancaster University)

Contribution ID: 10

Type: **not specified**

Investigation of fundamental properties of Cherenkov Diffraction Radiation at CLARA facility

Tuesday, 5 July 2022 14:00 (20 minutes)

Presenter: KARATAEV, Pavel (Royal Holloway, University of London/JAI)

Contribution ID: 11

Type: **not specified**

Towards Pulsed Radiolysis Capabilities for the UK Science Community

Tuesday, 5 July 2022 14:20 (20 minutes)

Presenter: BAIDAK, Aliaksandr (The University of Manchester/DCF)

Contribution ID: 12

Type: **not specified**

Status of CLARA Phase 2 and near future plans

Tuesday, 5 July 2022 15:00 (20 minutes)

Presenter: ANGAL-KALININ, Deepa (UKRI-STFC Daresbury Laboratory/CI)

Contribution ID: 13

Type: **not specified**

FEBE Experimental capabilities

Tuesday, 5 July 2022 15:20 (20 minutes)

Presenter: PACEY, Tom (UKRI-STFC Daresbury Laboratory/CI)

Contribution ID: 14

Type: **not specified**

FEBE Laser plans

Tuesday, 5 July 2022 15:40 (20 minutes)

Presenter: SNEDDEN, Edward (UKRI-STFC Daresbury Laboratory/CI)

Contribution ID: 15

Type: **not specified**

Discussion

Tuesday, 5 July 2022 16:00 (30 minutes)

Contribution ID: 16

Type: **not specified**

External Injection at CLARA

Presenters: CORNER, Laura (University of Liverpool/CI); CORNER, Laura (Cockcroft Institute, University of Liverpool)

Contribution ID: 17

Type: **not specified**

Introduction

Tuesday, 5 July 2022 10:05 (10 minutes)

Presenter: ANGAL-KALININ, Deepa (UKRI STFC Daresbury Laboratory)

Contribution ID: **18**

Type: **not specified**

Zoom link available

Meeting URL: <https://ukri.zoom.us/j/9027021889>