

# **LhARA Collaboration Meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome

*Friday, 14 October 2022 10:30 (5 minutes)*

**Presenter:** WELSCH, Carsten (University of Liverpool)

Contribution ID: 2

Type: **not specified**

## Introduction

*Friday, 14 October 2022 10:35 (10 minutes)*

**Presenter:** LONG, Ken (Imperial Coll.)

Contribution ID: 3

Type: **not specified**

## The LhARA project

*Friday, 14 October 2022 10:45 (15 minutes)*

**Presenter:** Dr WHYTE, Colin (Strathclyde)

Contribution ID: 4

Type: **not specified**

## **WP2 Update: Underpinning Science, Challenges and Recent Developments**

*Friday, 14 October 2022 11:00 (30 minutes)*

**Presenter:** Dr GRAY, Ross (Strathclyde)

**Session Classification:** Proton and ion source

Contribution ID: 5

Type: **not specified**

## **One-to-one simulations of the LhARA proton source**

*Friday, 14 October 2022 11:30 (15 minutes)*

**Presenter:** Dr BOELLA, Elisabetta (Lancaster/CI)

**Session Classification:** Proton and ion source

Contribution ID: 6

Type: **not specified**

## Introduction

*Friday, 14 October 2022 14:30 (5 minutes)*

**Presenter:** Prof. BAMBER, Jeff (ICR)

**Session Classification:** Ion acoustic dose-profile measurement

Contribution ID: 7

Type: **not specified**

## **Results as presented at the conference at UCL**

*Friday, 14 October 2022 14:35 (10 minutes)*

**Presenter:** MAXOUTI, Maria (Imperial/PPD)

**Session Classification:** Ion acoustic dose-profile measurement



Contribution ID: 8

Type: **not specified**

## **Verbal updates on: SmartPhantom, collaboration with LMU, acoustic simulation etc.**

*Friday, 14 October 2022 14:45 (10 minutes)*

**Presenters:** COX, Ben (UCL); Prof. BAMBER, Jeff (ICR); MCGARRIGLE, Josie (Imperial); LONG, Ken (Imperial Coll.)

**Session Classification:** Ion acoustic dose-profile measurement

Contribution ID: 9

Type: **not specified**

## Discussion

*Friday, 14 October 2022 14:55 (5 minutes)*

**Session Classification:** Ion acoustic dose-profile measurement

Contribution ID: 13

Type: **not specified**

## **LhARA design and integration plans and schedule**

*Friday, 14 October 2022 15:45 (5 minutes)*

**Presenter:** Dr PASTERNAK, Jaroslaw (Imperial/STFC/JAI)

**Session Classification:** Design and integration

Contribution ID: 14

Type: **not specified**

## **LhARA: Baseline design and simulations**

*Friday, 14 October 2022 15:50 (20 minutes)*

**Presenter:** SHIELDS, William (Royal Holloway, University of London)

**Session Classification:** Design and integration

Contribution ID: 15

Type: **not specified**

## **LhARA engineering: status and plans**

*Friday, 14 October 2022 16:10 (20 minutes)*

**Presenter:** Dr PASTERNAK, Jaroslaw (Imperial/STFC/JAI)

**Session Classification:** Design and integration

Contribution ID: 16

Type: **not specified**

## **WP3: Proton and ion capture**

*Friday, 14 October 2022 12:00 (30 minutes)*

**Session Classification:** Proton and ion capture