

ALBA II Workshop on Scientific and Instrumental Advances in High Pressure techniques

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Thursday, 28 October 2021 09:00 (15 minutes)

Presenter: ATTENKOFER , Klaus (Alba - Cells)

Contribution ID: 2

Type: **not specified**

High Pressure Science on synchrotron source

Thursday, 28 October 2021 09:15 (25 minutes)

Presenter: MCMAHON, Malcolm (School of Physics and Astronomy - University of Edinburgh)

Contribution ID: 3

Type: **not specified**

XRD under extreme pressures

Thursday, 28 October 2021 09:40 (25 minutes)

Presenter: GARBARINO, Gaston (ESRF Synchrotron)

Contribution ID: 4

Type: **not specified**

Infrared spectroscopy at high pressures

Thursday, 28 October 2021 10:05 (25 minutes)

Presenter: CAPITANI, Francesco (Soleil synchrotron)

Contribution ID: 5

Type: **not specified**

More synchrotron techniques for DAC

Thursday, 28 October 2021 10:30 (25 minutes)

Presenter: PETITGIRARD, Sylvain (ETH Zurich)

Contribution ID: 6

Type: **not specified**

Complex hydrogen-based structures

Thursday, 28 October 2021 11:10 (25 minutes)

Presenter: PENA ALVAREZ, Miriam

Contribution ID: 7

Type: **not specified**

Metal iodates under pressure

Thursday, 28 October 2021 11:35 (25 minutes)

Presenter: ERRANDONEA, Daniel (Universidad de Valencia)

Contribution ID: 8

Type: **not specified**

Stability of van der Waals heterostructures under compression

Thursday, 28 October 2021 12:00 (25 minutes)

Presenter: SANS, Juan Angel (Universidad Politecnica de Valencia)

Contribution ID: 9

Type: **not specified**

Multiferroic materials under pressure by spectroscopy techniques

Thursday, 28 October 2021 12:25 (25 minutes)

Presenter: CUARTERO, Vera (Universidad de Zaragoza)

Contribution ID: **10**

Type: **not specified**

Ca-bearing carbonate minerals at HP-HT conditions

Thursday, 28 October 2021 14:10 (25 minutes)

Presenter: SANTAMARIA, David (Universidad de Valencia)

Contribution ID: 11

Type: **not specified**

High pressure fluid geochemistry in the diamond anvil cell

Thursday, 28 October 2021 14:35 (25 minutes)

Presenter: SANCHEZ VALLE, Carmen (Institut für Mineralogie - University of Munster)

Contribution ID: 12

Type: **not specified**

The storage, chemistry and transportation of water in Earth's deep lower mantle

Thursday, 28 October 2021 15:00 (25 minutes)

Presenter: HU, Qingyang (HPSTAR)

Contribution ID: 13

Type: **not specified**

Physical properties of Earth core

Thursday, 28 October 2021 15:25 (25 minutes)

Presenter: MORARD, Guillaume (University Grenoble-Alpes)

Contribution ID: **14**

Type: **not specified**

Round table - open discussions

Thursday, 28 October 2021 16:05 (1h 55m)