

# **2nd MIMOSA collaboration meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Registration

*Thursday, 31 August 2023 09:00 (30 minutes)*

Contribution ID: 2

Type: **not specified**

## **Introduction ECT\* director**

*Thursday, 31 August 2023 09:30 (5 minutes)*

Contribution ID: 3

Type: **not specified**

## **Controlling the time shape of terahertz pulses from two-color plasma by combining wavelength dispersion and laser chirp**

*Thursday, 31 August 2023 09:35 (30 minutes)*

**Presenter:** MARTINEZ, Anna

Contribution ID: 4

Type: **not specified**

# Terahertz Unipolar Polarimetry by Second-Harmonic Generation in Air

*Thursday, 31 August 2023 10:05 (30 minutes)*

**Presenter:** PAPARO, Domenico

Contribution ID: 5

Type: **not specified**

## THz beam shaping

*Thursday, 31 August 2023 11:00 (30 minutes)*

**Presenter:** KUSKO, Tudor &

Contribution ID: 6

Type: **not specified**

## **High-repetition rate single-cycle THz sources: progress and outlooks**

*Thursday, 31 August 2023 11:30 (30 minutes)*

**Presenter:** AFS PARTNER, Hideur &

Contribution ID: 7

Type: **not specified**

## **THz analysis of glass and silicon samples**

*Thursday, 31 August 2023 12:00 (30 minutes)*

**Presenter:** DE TULLIO, Matteo



Contribution ID: 8

Type: **not specified**

## **Best THz pulse characteristics for TAP analysis**

*Thursday, 31 August 2023 12:30 (30 minutes)*

**Presenter:** VELLA, Angela

Contribution ID: 9

Type: **not specified**

## **Analysis and parameter investigation of silica (as protein matrix material) using deep-UV laser assisted APT**

*Thursday, 31 August 2023 14:30 (30 minutes)*

**Presenter:** ERIKSSON, Gustav

Contribution ID: 10

Type: **not specified**

# **A Molecular Dynamics Characterization of the Early Stages of Protein Embedding for Atom Probe Tomography**

*Thursday, 31 August 2023 15:00 (30 minutes)*

**Presenter:** NOVI-INVERARDI, Giovanni

Contribution ID: 11

Type: **not specified**

## **A DFT and TDDFT study of the orthosilicic acid molecule under electrostatic field and laser irradiation**

*Thursday, 31 August 2023 15:30 (30 minutes)*

**Presenter:** MORRESI, Tommaso

Contribution ID: 12

Type: **not specified**

## **Optional activity: walk by the lake**

*Thursday, 31 August 2023 17:00 (2h 15m)*

Contribution ID: **13**

Type: **not specified**

## **Round table**

*Friday, 1 September 2023 09:30 (1h 15m)*

Contribution ID: **14**

Type: **not specified**

## **Round table**

*Friday, 1 September 2023 11:15 (1h 45m)*

Contribution ID: 15

Type: **not specified**

## Final discussion

*Friday, 1 September 2023 14:30 (2 hours)*