

# **2nd Annual Meeting of ARIES WP17**



## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome, programme and report from ARIES Annual Meeting

*Tuesday 14 July 2020 08:30 (15 minutes)*

**Presenters:** BERTARELLI, Alessandro (CERN); TOMUT, Marilena Tatiana

Contribution ID: 37

Type: **not specified**

## Status of task 17.2

*Tuesday 14 July 2020 08:45 (15 minutes)*

**Presenter:** BERTARELLI, Alessandro (CERN)

**Session Classification:** Session 1: Task 17.2

Contribution ID: 38

Type: **not specified**

## Report from task 14.4 and plans for I-FAST

*Tuesday 14 July 2020 09:00 (20 minutes)*

**Presenter:** CARRA, Federico (CERN)

**Session Classification:** Session 1: Task 17.2

Contribution ID: 39

Type: **not specified**

## **Report from recent material characterization campaigns and new developments**

*Tuesday 14 July 2020 09:20 (20 minutes)*

**Presenter:** GUARDIA VALENZUELA, Jorge (Universidad de Zaragoza (ES))

**Session Classification:** Session 1: Task 17.2

Contribution ID: 40

Type: **not specified**

## Status of task 17.3 and publications on Shocks and Vibrations

*Tuesday 14 July 2020 09:40 (10 minutes)*

**Presenter:** PERONI, Lorenzo (Politecnico di Torino)

**Session Classification:** Session 2.1: Task 17.3

Contribution ID: 41

Type: **not specified**

## **Possible scenarios for dynamic tests (in coming months)**

*Tuesday 14 July 2020 09:50 (20 minutes)*

**Presenter:** PERONI, Lorenzo (Politecnico di Torino)

**Session Classification:** Session 2.1: Task 17.3

Contribution ID: 42

Type: **not specified**

## **Update on activities at ELI-NP and possibilities for laser tests**

*Tuesday 14 July 2020 10:10 (20 minutes)*

**Presenter:** ASAVEI, Theodor (IFIN-HH)

**Session Classification:** Session 2.1: Task 17.3



Contribution ID: 43

Type: **not specified**

## **Discussion on shock experiments on accelerator materials with lasers and high energy beams**

*Tuesday 14 July 2020 10:50 (1h 10m)*

**Session Classification:** Session 2.2: Task 17.3

Contribution ID: 44

Type: **not specified**

## **Investigation of dynamic effects in targets by GeV U ions impact**

*Tuesday 14 July 2020 12:00 (15 minutes)*

**Presenter:** BOLZ, Philipp

**Session Classification:** Session 2.2: Task 17.3

Contribution ID: 45

Type: **not specified**

## **Dynamic Response of Tantalum Rods Embedded in Graphitic Shells Impacted by High Energy Particle Beams in the HiRadMat 38 "FlexMat Experiment"**

*Tuesday 14 July 2020 12:15 (15 minutes)*

**Presenter:** SIMON, Pascal (GSI)

**Session Classification:** Session 2.2: Task 17.3

Contribution ID: 46

Type: **not specified**

## Status task 17.4

*Tuesday 14 July 2020 13:30 (20 minutes)*

**Presenter:** LECHNER, Anton (CERN)

**Session Classification:** Session 3: Task 17.4

Contribution ID: 47

Type: **not specified**

## **Radiation damage and gas production simulations for HL-LHC collimators**

*Tuesday 14 July 2020 13:50 (20 minutes)*

**Presenter:** WAETS, Andreas (CERN)

**Session Classification:** Session 3: Task 17.4

Contribution ID: 48

Type: **not specified**

## **GSI irradiation tests results and future test plans**

*Tuesday 14 July 2020 14:10 (20 minutes)*

**Presenter:** ACCETTURA, Carlotta (Politecnico di Milano (IT))

**Session Classification:** Session 3: Task 17.4

Contribution ID: 49

Type: **not specified**

## Modelling of defects in graphite

*Tuesday 14 July 2020 14:30 (20 minutes)*

**Presenter:** BEGHI, Marco (Politecnico di Milano, Italy)

**Session Classification:** Session 3: Task 17.4

Contribution ID: 50

Type: **not specified**

## **Update on BLIP irradiation tests and RaDIATE activities**

*Tuesday 14 July 2020 14:50 (20 minutes)*

**Presenter:** SOLERI, Nicola

**Session Classification:** Session 3: Task 17.4



Contribution ID: 51

Type: **not specified**

## Status task 17.5

*Tuesday 14 July 2020 15:30 (30 minutes)*

**Presenter:** TOMUT, Marilena Tatiana

**Session Classification:** Session 4: Task 17.5 and I-FAST

Contribution ID: 52

Type: **not specified**

## **New results on beam-induced colour centres in nitrogen containing diamonds**

*Tuesday 14 July 2020 16:00 (30 minutes)*

**Presenter:** SIMON, Pascal (GSI)

**Session Classification:** Session 4: Task 17.5 and I-FAST

Contribution ID: 53

Type: **not specified**

## **I-FAST proposal**

*Tuesday 14 July 2020 16:30 (20 minutes)*

**Presenter:** TOMUT, Marilena Tatiana

**Session Classification:** Session 4: Task 17.5 and I-FAST

Contribution ID: 54

Type: **not specified**

## Wrap-up all tasks and WP and future plans

*Tuesday 14 July 2020 16:50 (40 minutes)*

10 min per task plus final discussion