

**ALEGRO Positron  
Acceleration in Plasma  
Mini-Workshop**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Introduction

*Friday 9 February 2018 09:00 (15 minutes)*

**Presenter:** GESSNER, Spencer (CERN)

**Session Classification:** Introduction

Contribution ID: 2

Type: **not specified**

## Experiments at FFTB

*Friday 9 February 2018 09:15 (30 minutes)*

**Presenter:** MUGGLI, Patric (Max Planck Institute for Physics)

**Session Classification:** Introduction

Contribution ID: 3

Type: **not specified**

## Experiments at FACET

*Friday 9 February 2018 09:45 (30 minutes)*

**Presenter:** CORDE, Sebastien (Ecole Polytechnique)

**Session Classification:** Introduction

Contribution ID: 4

Type: **not specified**

## **Electron beam driven positron acceleration**

*Friday 9 February 2018 15:45 (30 minutes)*

**Presenter:** AN, Weiming (UCLA)

**Session Classification:** Future Experiments

Contribution ID: 5

Type: **not specified**

## Proton driven hollow channel

*Friday 9 February 2018 10:30 (30 minutes)*

**Presenter:** LI, Yangmei (University of Manchester/Cockcroft Institute)

**Session Classification:** Challenges and Solutions

Contribution ID: 6

Type: **not specified**

## Novel Schemes

*Friday 9 February 2018 11:00 (30 minutes)*

**Presenter:** VIEIRA, Jorge (Instituto Superior Técnico)

**Session Classification:** Challenges and Solutions

Contribution ID: 7

Type: **not specified**

## **Mitigating transverse wakefields in the hollow channel**

*Friday 9 February 2018 13:30 (30 minutes)*

**Presenter:** LINDSTROM, Carl Andreas

**Session Classification:** Challenges and Solutions



Contribution ID: 8

Type: **not specified**

## **Difficulties of positron acceleration known from theory**

*Friday 9 February 2018 14:00 (30 minutes)*

**Presenter:** LOTOV, Konstantin (Budker INP)

**Session Classification:** Challenges and Solutions

Contribution ID: 9

Type: **not specified**

## **Possible Future Positron Experiments at AWAKE**

*Friday 9 February 2018 14:45 (30 minutes)*

**Presenter:** PETRENKO, Alexey (Budker Institute of Nuclear Physics (RU))

**Session Classification:** Future Experiments

Contribution ID: **10**

Type: **not specified**

## **Planned Positron Experiments at FACET-II**

*Friday 9 February 2018 15:15 (30 minutes)*

**Presenter:** GESSNER, Spencer (CERN)

**Session Classification:** Future Experiments

Contribution ID: 11

Type: **not specified**

## **Megatables, Need for Facilities, Need for Positron Sources**

*Friday 9 February 2018 16:00 (1 hour)*

**Presenters:** ALL; ADLI, Erik (University of Oslo (NO)); GESSNER, Spencer (CERN)

**Session Classification:** Discussion: What do we want to present in March?