

PEN meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Monday, 6 February 2017 10:00 (5 minutes)

Presenter: MAJOROVITS, Bela (MPI für Physik)

Session Classification: Welcome, Introduction

Contribution ID: 1

Type: **not specified**

University of Lancaster group presentation

Monday, 6 February 2017 10:05 (10 minutes)

Presenter: MÜNSTERMANN, Daniel (University of Lancaster)

Session Classification: Welcome, Introduction

Contribution ID: 2

Type: **not specified**

UTEF-CVUT group introduction

Monday, 6 February 2017 10:15 (10 minutes)

Presenter: HODAK, Rastislav (UTEF CVUT Praha)

Session Classification: Welcome, Introduction

PEN meeting / Report of Contributions

NUVIA company introduction

Contribution ID: 3

Type: **not specified**

NUVIA company introduction

Monday, 6 February 2017 10:25 (10 minutes)

Presenter: BURESOVA, Hana (NUVIA)

Session Classification: Welcome, Introduction

Contribution ID: 4

Type: **not specified**

University of Dortmund group introduction

Monday, 6 February 2017 10:35 (10 minutes)

Presenter: STOMMEL, M. (University of Dortmund)

Session Classification: Welcome, Introduction

Contribution ID: 5

Type: **not specified**

Fraunhofer Institut ICT

Monday, 6 February 2017 10:45 (10 minutes)

Presenter: BECK, Björn (Fraunhofer Institut ICT)

Session Classification: Welcome, Introduction

Contribution ID: 6

Type: **not specified**

MPP group introductions

Monday, 6 February 2017 10:55 (15 minutes)

Presenters: MAJOROVITS, Bela (MPI für Physik); VAN DER KOLK, Naomi (MPI für Physik)

Session Classification: Welcome, Introduction

Contribution ID: 7

Type: **not specified**

PEN work done so far and available equipment

Monday, 6 February 2017 11:10 (30 minutes)

Presenter: BECK, Björn (Fraunhofer ICT)

Session Classification: Molding of PEN into arbitrary forms

Contribution ID: 8

Type: **not specified**

PEN injection molding at Uni Dortmund - first tests

Monday, 6 February 2017 11:40 (30 minutes)

Presenter: STOMMEL, Markus (University of Dortmund)

Session Classification: Molding of PEN into arbitrary forms

Contribution ID: 9

Type: **not specified**

Discussion - Discussion: What forming processes can be used? Achievable geometries, dimensions?

Monday, 6 February 2017 12:10 (30 minutes)

Session Classification: Molding of PEN into arbitrary forms

Contribution ID: **10**

Type: **not specified**

PEN loading plans

Monday, 6 February 2017 14:00 (10 minutes)

Presenter: MÜNSTERMANN, Daniel

Session Classification: Loading of PEN with functional components

Contribution ID: 11

Type: **not specified**

Discussion

Monday, 6 February 2017 14:10 (20 minutes)

Session Classification: Loading of PEN with functional components

Contribution ID: 12

Type: **not specified**

Copper traces: Experience GERDA

Monday, 6 February 2017 14:30 (15 minutes)

Presenter: MAJOROVITS, Bela (MPI für Physik)

Session Classification: Laminating PEN surfaces with functional coatings:

Contribution ID: 13

Type: **not specified**

light reflection, neutron absorption

Monday, 6 February 2017 14:45 (15 minutes)

Presenter: MÜNSTERMANN, Daniel (University of Lancaster)

Session Classification: Laminating PEN surfaces with functional coatings:

Contribution ID: 14

Type: **not specified**

Discussion

Monday, 6 February 2017 15:00 (15 minutes)

Session Classification: Laminating PEN surfaces with functional coatings:

Contribution ID: 15

Type: **not specified**

PEN scintillation spectral measurements, first results

Monday, 6 February 2017 16:30 (20 minutes)

Presenter: HAYWARD, Connor (University of Lancaster)

Session Classification: Investigation of PEN light emission as fct. of synth. and molding

Contribution ID: 16

Type: **not specified**

PEN light yield measurements, first results

Monday, 6 February 2017 16:50 (20 minutes)

Presenters: FISCHER, Felix (MPI für Physik); VAN DER KOLK, Naomi (MPI für Physik)

Session Classification: Investigation of PEN light emission as fct. of synth. and molding

Contribution ID: 17

Type: **not specified**

Expected PEN scintillation light output

Monday, 6 February 2017 17:30 (10 minutes)

Presenter: KRÄTZSCHMER, Thomas (MPI für Physik)

Session Classification: Investigation of PEN light emission as fct. of synth. and molding

Contribution ID: **18**

Type: **not specified**

Discussion

Monday, 6 February 2017 17:40 (20 minutes)

Session Classification: Investigation of PEN light emission as fct. of synth. and molding

Contribution ID: 19

Type: **not specified**

Plans for mechanical tests

Monday, 6 February 2017 17:40 (10 minutes)

Presenter: SCHULZ, Oliver (MPI für Physik)

Session Classification: 7) Investigation of aging & material properties

Contribution ID: 20

Type: **not specified**

Available test stands and infrastructure at MPP

Monday, 6 February 2017 17:50 (10 minutes)

Presenter: GOOCH, Chris (MPI für Physik)

Session Classification: 7) Investigation of aging & material properties

Contribution ID: 21

Type: **not specified**

Discussion

Monday, 6 February 2017 18:00 (20 minutes)

Session Classification: 7) Investigation of aging & material properties

Contribution ID: 22

Type: **not specified**

PEN commercial availability

Monday, 6 February 2017 16:05 (10 minutes)

Presenter: MAJOROVITS, Bela (MPI für Physik)

Session Classification: PEN synthesis and commercial availability

Contribution ID: 23

Type: **not specified**

PEN availability

Monday, 6 February 2017 15:45 (20 minutes)

Presenter: STEKL, Ivan (UTEF CVUT)

Session Classification: PEN synthesis and commercial availability

Contribution ID: 24

Type: **not specified**

PEN measurements at MPP

Monday, 6 February 2017 17:10 (20 minutes)

Presenter: VAN DER KOLK, Naomi (MPI für Physik)

Session Classification: Investigation of PEN light emission as fct. of synth. and molding