

# **The industrial and environmental applications of electron beams**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Welcome

*Thursday, 6 November 2014 09:00 (15 minutes)*

**Presenter:** CHMIELEWSKI, Andrzej (ICHTJ)

Contribution ID: 1

Type: **not specified**

## Scope and aims of workshop

*Thursday, 6 November 2014 09:35 (15 minutes)*

**Presenter:** EDGECOCK, Rob (STFC - Rutherford Appleton Lab. (GB))

Contribution ID: 2

Type: **not specified**

## **Flue gas treatment**

*Thursday, 6 November 2014 09:50 (30 minutes)*

**Presenter:** CHMIELEWSKI, Andrzej (ICHTJ)

Contribution ID: 3

Type: **not specified**

## **Sterilisation**

*Thursday, 6 November 2014 16:00 (30 minutes)*

**Presenter:** RAFALSKI, Andrzej

Contribution ID: 4

Type: **not specified**

## **Water treatment**

*Thursday, 6 November 2014 11:00 (30 minutes)*

**Presenter:** HAN, Bumsoo

Contribution ID: 5

Type: **not specified**

## **Radiation processing of polymers: basics, applications and perspectives**

*Thursday, 6 November 2014 11:30 (30 minutes)*

**Presenter:** COQUERET, Xavier

Contribution ID: 6

Type: **not specified**

## **Application of electron accelerators in cable industry**

*Thursday, 6 November 2014 12:00 (30 minutes)*

**Presenter:** PRZYBYTNIAK, Grażyna



Contribution ID: 9

Type: **not specified**

## **Radiation crosslinking –way to improve the properties of polymers and its industrial applications**

*Thursday, 6 November 2014 14:00 (30 minutes)*

**Presenter:** GEHRING, Joachim

Contribution ID: **10**

Type: **not specified**

## **Recent advances in EB/X-ray-cured composite materials**

*Thursday, 6 November 2014 14:30 (30 minutes)*

**Presenter:** COQUERET, Xavier

Contribution ID: 11

Type: **not specified**

## **E-beam treatment of seeds**

*Thursday, 6 November 2014 15:00 (30 minutes)*

**Presenter:** WEIDAUER, André

Contribution ID: 12

Type: **not specified**

## **Selected EB applications projects in UCEA Slovakia**

*Thursday, 6 November 2014 17:00 (30 minutes)*

**Presenter:** FULOP, Marko

Contribution ID: 13

Type: **not specified**

## Compact RF linacs

*Friday, 7 November 2014 10:30 (30 minutes)*

**Presenter:** ROBERTSON, Katharine (STFC)

Contribution ID: 14

Type: **not specified**

## **Use of Laser Plasma Accelerator (LPA) as compact e-beam sources**

*Friday, 7 November 2014 11:00 (30 minutes)*

**Presenter:** SYLLA, Francois

Contribution ID: 15

Type: **not specified**

## Compact FFAG e-beam source

*Friday, 7 November 2014 11:30 (30 minutes)*

**Presenter:** JOHNSTONE, Carol (Fermilab)

Contribution ID: **16**

Type: **not specified**

## **Funding opportunities in H2020 - Water**

*Friday, 7 November 2014 13:30 (30 minutes)*

**Presenter:** ANTOSIEWICZ, Maria



Contribution ID: 17

Type: **not specified**

## **Project idea discussion and team building**

*Friday, 7 November 2014 14:00 (1 hour)*

**Presenter:** SCHWOCK, Alexander

Contribution ID: **18**

Type: **not specified**

## **Closing and follow up activities**

*Friday, 7 November 2014 15:00 (15 minutes)*

Contribution ID: 19

Type: **not specified**

## **Role of the IAEA**

*Thursday, 6 November 2014 09:15 (20 minutes)*

**Presenter:** SABHARWAL, Sunil

Contribution ID: 20

Type: **not specified**

## **Introduction to mathematical modeling of physical and chemical processes in the EBFGT**

*Thursday, 6 November 2014 10:20 (20 minutes)*

**Presenter:** VASILE, Lavric

Contribution ID: 21

Type: **not specified**

## **Electron accelerators in INFLPR characteristics and areas of application**

*Friday, 7 November 2014 09:00 (30 minutes)*

**Presenters:** IGHIGEANU, Daniel; MARTIN, Diana; CALINESCU, Ioan

Contribution ID: 22

Type: **not specified**

## **New development of a Toroidal- electron source**

*Friday, 7 November 2014 09:30 (30 minutes)*

**Presenter:** WEIDAUER, André

Contribution ID: 23

Type: **not specified**

## **Axellance Group (Russia) e-beam activities**

Contribution ID: 24

Type: **not specified**

## Heat Flux Test

*Thursday, 6 November 2014 16:30 (30 minutes)*

**Presenter:** NEUMANN, Dr



Contribution ID: 25

Type: **not specified**

## **Introduction to ebeam accelerators**

*Thursday, 6 November 2014 17:30 (30 minutes)*

**Presenter:** ZIMEK, Zbigniew

Contribution ID: 26

Type: **not specified**

## **Funding opportunities in H2020 –Materials**

*Friday, 7 November 2014 13:00 (30 minutes)*

**Presenter:** PIEKARSKI, Jarosław