

**Workshop on the generation
of single-cycle pulses with
Free-Electron Lasers, 16-17
May 2016, Minsk**

Report of Contributions

Contribution ID: 9

Type: **not specified**

TBD

Presenter: Dr TANAKA, Takashi

Contribution ID: 27

Type: **not specified**

Welcome

Monday, 16 May 2016 13:05 (10 minutes)

Presenter: Prof. LARSSON, Mats (Stockholm University, Sweden)

Session Classification: Session

Contribution ID: 28

Type: **not specified**

Applications of strong-field single-cycle THz pulses

Monday, 16 May 2016 13:15 (30 minutes)

Presenter: Dr SALEN, Peter (Stockholm University, Sweden)

Session Classification: Session

Contribution ID: 29

Type: **not specified**

Isolated monocycle pulse generation in free electron lasers

Monday, 16 May 2016 13:45 (30 minutes)

Presenter: Dr TANAKA, Takashi (RIKEN SPring-8 Center, Japan)

Session Classification: Session

Contribution ID: **30**

Type: **not specified**

Towards GV/m single-cycle THz pulses

Monday, 16 May 2016 14:15 (30 minutes)

Presenter: Dr GORYASHKO, Vitaliy (Uppsala University, Sweden)

Session Classification: Session

Contribution ID: **31**

Type: **not specified**

TBD

Presenter: Prof. SHUL'GA, Nikolay (National Science Center, Kharkiv Institute of Physics and Technology)

Contribution ID: 33

Type: **not specified**

On the spectrum of a relativistic electrons beam passing through periodical medium

Monday, 16 May 2016 15:15 (30 minutes)

Presenter: Prof. SHUL'GA, Nikolay (National Science Center, Kharkiv Institute of Physics and Technology, Ukraine)

Session Classification: Session

Contribution ID: 34

Type: **not specified**

THz radiation in a waveguide

Monday, 16 May 2016 15:45 (45 minutes)

Presenter: Dr SALDIN, Evgeny (DESY, Germany)

Session Classification: Session

Contribution ID: 35

Type: **not specified**

Few-Cycle GW X-ray Pulses with Mode-Locked Amplifier FELs

Monday, 16 May 2016 16:30 (30 minutes)

Presenter: Dr NEIL, Thompson (ASTeC STFC Daresbury Laboratory, UK)

Session Classification: Session

Contribution ID: 36

Type: **not specified**

The IR FEL at the Fritz Haber Institute in Berlin — current status and prospects

Presenter: Dr SCHÖLLKOPF, Wieland (Fritz Haber Institute, Germany)

Contribution ID: 37

Type: **not specified**

Generation of multi-cycle millijoule pulses by a single-pass THz FEL

Tuesday, 17 May 2016 09:00 (45 minutes)

Presenter: Dr CHULKOV, Ruslan (B.I. Stepanov Institute of Physics, National Academy of Sciences of Belarus, Belarus)

Session Classification: Session

Contribution ID: 38

Type: **not specified**

Statistical fluctuations of electromagnetic radiation in short-pulse free-electron devices

Tuesday, 17 May 2016 10:15 (45 minutes)

Presenter: Dr SERGEL, Anishchenko (Belarusian State University, Institute for Nuclear Problems, Belarus)

Session Classification: Session

Contribution ID: 39

Type: **not specified**

Welcome

Monday, 16 May 2016 13:00 (5 minutes)

Presenter: Prof. ORLOVICH, Valentin (B.I. Stepanov Institute of Physics, National Academy of Sciences of Belarus, Belarus)

Session Classification: Session

Contribution ID: 40

Type: **not specified**

Towards shorter pulses at FERMI

Tuesday, 17 May 2016 11:00 (45 minutes)

Presenter: Dr DANAILOV, Miltcho (Elettra Sincrotrone Trieste, Italy)

Session Classification: Session