

Session Program

21-24 Jan 2020



Second CompactLight Annual Meeting

WPs activity reports

Athens, Greece

Tuesday 21 January

09:45

WPs activity reports: Morning 1

Session | **Location:** Athens, Greece

09:45–10:15 **XLS FEL design with accelerator and undulator requirements**

Speaker

Simone Di Mitri

Location

Athens, Greece

10:15–10:30 **CompactLight CDR production**

Speaker

Neil Thompson

Location

Remote

10:30–11:00 **CompactLight beamline design**

Speaker

Vitaliy Goryashko

Location

Athens, Greece

11:00

11:30

WPs activity reports: Morning 2

Session | **Location:** Athens, Greece

11:30–11:40 **Status of the C-band RF gun design and simulations**

Speaker

Michele Croia

11:40–11:50 **Cathodes for high gradient high repetition rate RF guns.**

Speaker

Dr Jessica Scifo

11:50–12:00 **Photocathode/laser proposal and 3D design of injector**

Speaker

Dr Nick Gazis

12:00–12:10 **Status of the X-band transverse RF deflector and linearizer design**

Speaker

Prof. Andrea Mostacci

12:10–12:20 **Status of the Ka-band RF linearizer design**

Speaker

Alejandro Castilla Loeza

12:20–12:45 **End of session discussion**

12:45

Speaker

All

14:00

WPs activity reports: Afternoon 1**Session** | **Location:** Athens, Greece

14:00-14:10

Linac and facility-level integration**Speaker**

Markus Aicheler

14:10-14:30

Two bunch operation: long-range wakefield optimization and preliminary bunch deflector system design**Speaker**

Xiaowei Wu

14:30-14:40

C-band injector rf system design and X-band update**Speaker**

Marco Diomedea

14:40-14:50

Industrialization**Speaker**

Miranda Van den Berg

14:50-15:00

Gyroklystron status**Speaker**

Laurence Nix

15:00-15:15

CMPU as the afterburner: status perspectives and costs**Speaker**

Thomas Schmidt

15:15-15:30

SCU for the SASE line: status perspectives and costs**Speaker**

Axel Bernhard

15:30-15:45

Progress in exotic undulators**Speaker**

Prof. James Anthony Clarke

15:45-16:00

Wakefield effects in undulators**Speaker**

Zafer Nergiz

16:00

16:30

WPs activity reports**Session** | **Location:** Athens, Greece

16:30-16:45

Full 3-D lattice**Speaker**

Edu Marin

Location

Remote

16:45–17:00

Two-mode linac design for the C-band injector option**Speaker**

Xingguang Liu

Location

Athens, Greece

17:00–17:15

Magnetic chicanes with T566 correction**Speaker**

Simone Di Mitri

Location

Athens, Greece

17:15–17:30

BBA performance with reduced energies**Speaker**

Andrea Latina

Location

Athens, Greece

17:30–18:00

End of session discussion**Speaker**

All

Location

Athens, Greece

19:00