

# Steady State Micro-Bunching Light Source Online Workshop



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **An ERL based coherent light source**

**Presenter:** Prof. ZHAO, Zhentang

Contribution ID: 2

Type: **not specified**

## **The requirement for EUV source from EUV Lithography**

**Presenter:** Prof. WU, Xiaobin

Contribution ID: 3

Type: **not specified**

## **Metrology for EUV lithography and free-electron lasers**

**Presenter:** Dr RICHTER, Mathias

Contribution ID: 4

Type: **not specified**

## **Accelerator Research and Development @ HZB**

**Presenter:** Dr JANKOWIAK , Andreas

Contribution ID: 5

Type: **not specified**

## **Results of the SSMB proof of principle experiment at the MLS**

**Presenter:** Dr FEIKES, Joerg

Contribution ID: 6

Type: **not specified**

## **SSMB Activities at Tsinghua University**

**Presenter:** Prof. TANG, Chuanxiang

Contribution ID: 7

Type: **not specified**

## **Optical Enhancement Cavity R&D for SSMB at Tsinghua University**

**Presenter:** Prof. YAN, Lixin



Contribution ID: 8

Type: **not specified**

## **Shaping the longitudinal phase space at BESSY II and MLS**

**Presenter:** Dr RIES, Markus

Contribution ID: 9

Type: **not specified**

## **Storage Ring based Coherent light source (SRCLS) test facility**

**Presenter:** Dr JIANG, Bocheng

Contribution ID: **10**

Type: **not specified**

## **Design Progress on Longitudinal Strong Focusing SSMB**

**Presenter:** Dr PAN, Zhilong

Contribution ID: 11

Type: **not specified**

## **Semi-analytical analysis for the phase space microbunching in single-pass or recirculating beamlines**

**Presenter:** Prof. TSAI, Cheng-Ying

Contribution ID: 12

Type: **not specified**

## **Demonstration of a ring-FEL as an EUV lithography tool**

**Presenter:** Dr LEE, Jaeyu

Contribution ID: 13

Type: **not specified**

## **NSRL Accelerator development & Preliminary THz-SSMB proposal**

**Presenter:** Mr ZHANG, Tong

Contribution ID: 14

Type: **not specified**

## **Tapering Enhanced Stimulated Superradiant Amplification**

**Presenter:** Prof. MUSUMECI, Pietro

Contribution ID: 15

Type: **not specified**

## **Activities and future plan in beam dynamics group at PAL**

**Presenter:** Dr SHIN, Seunghwan



Contribution ID: 16

Type: **not specified**

## **Laser-induced energy modulation at the DELTA storage ring**

**Presenter:** Prof. KHAN, Shaukat

Contribution ID: 17

Type: **not specified**

## **Beam quality preservation in a triple-bend-achromat with stable optics**

**Presenter:** Dr JIAO, Yi

Contribution ID: **18**

Type: **not specified**

## **Recent updates on Nanosecond pulse enhancement for steady-state microbunching**

**Presenter:** Prof. ZHOU, Qinghong

Contribution ID: 19

Type: **not specified**

## **Noises in the modulators and elsewhere in steady-state microbunching**

**Presenter:** Mr LUO, Hao-Wen

Contribution ID: 20

Type: **not specified**

## **Thermal Instabilities in high-average-power optical enhancement cavity.**

**Presenter:** Dr WANG, Huan

Contribution ID: 21

Type: **not specified**

## **A couple of comments on SSMB for discussion**

**Presenter:** Prof. CHAO, Alexander