

**3rd mini-Workshop on H-
Laser Stripping and
Accelerator Applications**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Thursday, 26 September 2013 08:30 (10 minutes)

Presenter: Dr SHILTSEV, Vladimir (Fermilab)

Contribution ID: 1

Type: **not specified**

Status of SNS Laser Stripping Project

Thursday, 26 September 2013 08:40 (30 minutes)

Presenter: COUSINEAU, Sarah (ORNL/SNS)

Session Classification: Laser Stripping for Injection -- Chair: Yun Liu (ORNL)

Contribution ID: 2

Type: **not specified**

Laser Optics for SNS stripping

Friday, 27 September 2013 09:00 (30 minutes)

Primary author: LIU, Yun (ORNL / SNS)

Presenter: LIU, Yun (ORNL / SNS)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 3

Type: **not specified**

CERN laser stripping

Thursday, 26 September 2013 09:40 (30 minutes)

Primary author: BARTMANN, Wolfgang (CERN)

Presenter: BARTMANN, Wolfgang (CERN)

Session Classification: Laser Stripping for Injection -- Chair: Yun Liu (ORNL)

Contribution ID: 4

Type: **not specified**

Theory and Experimental Methods of Laser Stripping at SNS

Thursday, 26 September 2013 09:10 (30 minutes)

Presenter: GORLOV, Timofey (ORNL / SNS)

Session Classification: Laser Stripping for Injection --- Chair: Yun Liu (ORNL)

Contribution ID: 5

Type: **not specified**

FNAL Laser stripping

Thursday, 26 September 2013 10:30 (30 minutes)

Presenter: JOHNSON, David (Fermilab)

Session Classification: Laser Stripping for Injection -- Chair: Yun Liu (ORNL)

3rd mini- ... / Report of Contributions

TBD

Contribution ID: 6

Type: **not specified**

TBD

Contribution ID: 7

Type: **not specified**

FNAL Laser notcher

Thursday, 26 September 2013 12:30 (30 minutes)

Presenter: JOHNSON, David (Fermilab)

Session Classification: Laser Stripping for Injection -- Chair: Yun Liu (ORNL)

Contribution ID: 8

Type: **not specified**

Discussion on Laser stripping/other applications

Thursday, 26 September 2013 13:00 (1 hour)

Session Classification: Laser Stripping for Injection -- Chair: Yun Liu (ORNL)

Contribution ID: 9

Type: **not specified**

SNS Laser Based H- Beam Diagnostics

Thursday, 26 September 2013 14:00 (30 minutes)

Presenter: LIU, Yun (ORNL / SNS)

Session Classification: Laser Diagnostics for H- Beams — Chair: Vic Scarpine (FNAL)

Contribution ID: **10**

Type: **not specified**

FNAL Laser Profile Monitor

Thursday, 26 September 2013 14:30 (30 minutes)

Presenter: SCARPINE, Vic (Fermilab)

Session Classification: Laser Diagnostics for H- Beams – Chair: Vic Scarpine (FNAL)

Contribution ID: 11

Type: **not specified**

Emittance Measurement via H- Laser Stripping at LINAC4

Thursday, 26 September 2013 15:00 (30 minutes)

Presenter: HOFMANN, Thomas (CERN)

Session Classification: Laser Diagnostics for H- Beams — Chair: Vic Scarpine (FNAL)

Contribution ID: 12

Type: **not specified**

BNL Laser Profile Monitor

Thursday, 26 September 2013 16:20 (30 minutes)

Primary author: RAPARIA, Deepak (BNL)

Presenter: RAPARIA, Deepak (BNL)

Session Classification: Laser Diagnostics for H- Beams — Chair: Vic Scarpine (FNAL)

Contribution ID: 13

Type: **not specified**

Laser Diagnostics for Front End Test Stand

Thursday, 26 September 2013 15:50 (30 minutes)

Presenter: GABOR, Christoph

Session Classification: Laser Diagnostics for H- Beams – Chair: Vic Scarpine (FNAL)

Contribution ID: 14

Type: **not specified**

Discussion on Laser Diagnostics

Thursday, 26 September 2013 17:20 (1 hour)

Session Classification: Laser Diagnostics for H- Beams — Chair: Vic Scarpine (FNAL)

Contribution ID: 15

Type: **not specified**

High Power Laser Technology & Challenges in Accelerator Applications

Friday, 27 September 2013 08:30 (30 minutes)

Presenter: ZHANG, Shukui (JLAB)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 16

Type: **not specified**

Cryogenic Lasers for High-Power, Short-Pulse Sources

Friday, 27 September 2013 10:20 (30 minutes)

Presenter: FAN, T.Y. (MIT Lincoln Labs)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 17

Type: **not specified**

Experience with cryo amplifier/Accelerator Laser Workshop

Presenter: TBD

Contribution ID: **18**

Type: **not specified**

Topic: High rep rate short pulse DPSS amplifiers

Friday, 27 September 2013 10:50 (30 minutes)

Presenter: DERGACHEV, Alex (QPEAK)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 19

Type: **not specified**

Topic - Diode Pumped Solid State Amplifiers

Friday, 27 September 2013 12:50 (30 minutes)

Presenter: FEELER, Ryan (Northrop Grumman Cutting Edge Optronics)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: **20**

Type: **not specified**

Discussion

Contribution ID: 21

Type: **not specified**

Topic: High rep rate, High power, short pulse (laser/amplifier)

Friday, 27 September 2013 13:50 (30 minutes)

Presenter: KAPETYN, Henry (Univ. Colorado /JILA)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 22

Type: **not specified**

TBD (topic of enhancement cavity)

Presenter: TBD

Contribution ID: 23

Type: **not specified**

Topic: enhancement cavities

Friday, 27 September 2013 14:40 (30 minutes)

Presenter: LABAYE, Francois (JILA)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 24

Type: **not specified**

topic of UV optics

Friday, 27 September 2013 15:10 (30 minutes)

Presenter: AOB DISCUSSION

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 25

Type: **not specified**

Discussion

Friday, 27 September 2013 15:40 (1 hour)

Session Classification: Laser Technology – Chair: Shukai Zang (JLAB)

Contribution ID: 26

Type: **not specified**

Workshop Summary & Adjourn

Friday, 27 September 2013 16:40 (20 minutes)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 27

Type: **not specified**

First Experiments with Power Build-up cavity at 355 nm

Thursday, 26 September 2013 11:00 (30 minutes)

Presenter: NOTCUTT, Mark (Boulder Precision E-0)

Session Classification: Laser Stripping for Injection -- Chair: Yun Liu (ORNL)

Contribution ID: 28

Type: **not specified**

Topic: Fiber laser/amplifier technology

Friday, 27 September 2013 13:20 (30 minutes)

Presenter: SIPES, Donald (Optical Engines Inc.)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 29

Type: **not specified**

Green Fabry-Perot Cavity for Precision Compton Polarimetry

Friday, 27 September 2013 09:30 (30 minutes)

Presenter: RAKHAM, Abdurahim (Penn State University)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: **30**

Type: **not specified**

TBD

Friday, 27 September 2013 11:20 (30 minutes)

Session Classification: Laser Technology – Chair: Shukui Zang (JLAB)

Contribution ID: 31

Type: **not specified**

Fiber Laser Transport for the Photodetachment Emittance Measurements at FETS

Thursday, 26 September 2013 16:50 (30 minutes)

Presenter: BOSCO, Alessio (JAI@RHUL)

Session Classification: Laser Diagnostics for H- Beams – Chair: Vic Scarpine (FNAL)

Contribution ID: **32**

Type: **not specified**

Welcome/Logistics

Thursday, 26 September 2013 08:15 (15 minutes)

Presenter: JOHNSON, David (Fermilab)

Session Classification: Registration