

Technical Division R&D Retreat

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction to Retreat

Tuesday, January 26, 2016 8:10 AM (10 minutes)

Presenter: Dr BELOMESTNYKH, Sergey

Session Classification: Introduction and Program Overview

Contribution ID: 1

Type: **not specified**

SRF Science and Technology Program

Tuesday, January 26, 2016 8:30 AM (20 minutes)

Presenter: Dr ROMANENKO, Alexander (Fermilab)

Session Classification: Introduction and Program Overview

Contribution ID: 2

Type: **not specified**

R&D on Magnets in TD

Tuesday, January 26, 2016 8:50 AM (20 minutes)

Presenter: Dr ZLOBIN, Alexander (Fermilab)

Session Classification: Introduction and Program Overview

Contribution ID: 3

Type: **not specified**

Accelerator R&D - view from AD on promising directions and synergies with TD

Tuesday, January 26, 2016 9:10 AM (20 minutes)

Primary author: Dr SHILTSEV, Vladimir (FNAL)

Presenter: Dr SHILTSEV, Vladimir (FNAL)

Session Classification: Introduction and Program Overview

Contribution ID: 4

Type: **not specified**

Discussion

Tuesday, January 26, 2016 9:30 AM (15 minutes)

Session Classification: Introduction and Program Overview

Contribution ID: 5

Type: **not specified**

SRF Cavity Performance R&D

Tuesday, January 26, 2016 10:35 AM (20 minutes)

Primary author: Dr GRASSELLINO, Anna (Fermilab)

Presenter: Dr GRASSELLINO, Anna (Fermilab)

Session Classification: Ongoing R&D Program 1

Contribution ID: 6

Type: **not specified**

SC materials R&D

Tuesday, January 26, 2016 9:45 AM (20 minutes)

Presenter: BARZI, Emanuela (Fermilab)

Session Classification: Ongoing R&D Program 1

Contribution ID: 7

Type: **not specified**

SRF Systems

Presenter: Dr SOLYAK, Nikolay (FNAL)

Contribution ID: 8

Type: **not specified**

Magnets for Linear machines

Tuesday, January 26, 2016 3:25 PM (10 minutes)

Presenter: KASHIKHIN, Vladimir (Fermilab/TD/MSD)

Session Classification: New Ideas

Contribution ID: 9

Type: **not specified**

Nb3Sn magnet quench performance

Tuesday, January 26, 2016 2:40 PM (10 minutes)

Presenter: STOYNEV, Stoyan (FNAL)

Session Classification: New Ideas

Contribution ID: **10**

Type: **not specified**

Discussion

Tuesday, January 26, 2016 11:55 AM (15 minutes)

Session Classification: Ongoing R&D Program 1

Contribution ID: **11**

Type: **not specified**

Discussion

Contribution ID: 12

Type: **not specified**

SRF Cavities Resonance Control R&D

Tuesday, January 26, 2016 11:25 AM (15 minutes)

Primary author: SCHAPPERT, Warren (Fermilab)

Presenter: SCHAPPERT, Warren (Fermilab)

Session Classification: Ongoing R&D Program 1

Contribution ID: 14

Type: **not specified**

Nb3Sn SRF cavities

Tuesday, January 26, 2016 10:05 AM (15 minutes)

Primary author: POSEN, Sam (Fermilab)

Presenter: POSEN, Sam (Fermilab)

Session Classification: Ongoing R&D Program 1

Contribution ID: 15

Type: **not specified**

Nb/Cu and other film SRF cavities

Tuesday, January 26, 2016 10:55 AM (15 minutes)

Primary author: Dr WU, Genfa (FNAL/TD)

Presenter: Dr WU, Genfa (FNAL/TD)

Session Classification: Ongoing R&D Program 1

Contribution ID: 16

Type: **not specified**

Fundamental materials science in support of SRF

Tuesday, January 26, 2016 11:10 AM (15 minutes)

Primary author: TRENIKHINA, Yulia (Fermilab)

Presenter: TRENIKHINA, Yulia (Fermilab)

Session Classification: Ongoing R&D Program 1

Contribution ID: 17

Type: **not specified**

Innovative Nb₃Sn Thin Film Approaches and their Potential for Research and Applications

Tuesday, January 26, 2016 2:00 PM (10 minutes)

Primary author: BARZI, Emanuela (Fermilab)

Presenter: BARZI, Emanuela (Fermilab)

Session Classification: New Ideas

Contribution ID: **18**

Type: **not specified**

SRF New Ideas 1

Tuesday, January 26, 2016 1:30 PM (30 minutes)

Session Classification: New Ideas

Contribution ID: **19**

Type: **not specified**

SRF New Ideas 2

Tuesday, January 26, 2016 2:10 PM (30 minutes)

Session Classification: New Ideas

Contribution ID: 20

Type: **not specified**

SRF New Ideas 3

Tuesday, January 26, 2016 3:05 PM (20 minutes)

Session Classification: New Ideas

Contribution ID: 21

Type: **not specified**

Joule-heating for superconducting coils heat treatment

Tuesday, January 26, 2016 3:35 PM (10 minutes)

Presenter: ELEMENTI, Luciano (Fermilab)

Session Classification: New Ideas

Contribution ID: 22

Type: **not specified**

Poll Results Discussion

Tuesday, January 26, 2016 8:20 AM (10 minutes)

Session Classification: Introduction and Program Overview

Contribution ID: 23

Type: **not specified**

RF Ancillaries R&D

Tuesday, January 26, 2016 11:40 AM (15 minutes)

Presenter: Dr SOLYAK, Nikolay (FNAL)

Session Classification: Ongoing R&D Program 1

Contribution ID: 24

Type: **not specified**

VY Contribution

Tuesday, January 26, 2016 3:55 PM (5 minutes)

Primary author: YARBA, Victor (FNAL)

Session Classification: Discussion + Open Microphone

Contribution ID: 25

Type: **not specified**

A Funny Thing Happened On Way to HiLumi LHC

Tuesday, January 26, 2016 3:55 PM (5 minutes)

Presenter: HOLIK, Eddie (FNAL)

Session Classification: New Ideas

Contribution ID: 26

Type: **not specified**

What can TD do for DUNE

Tuesday, January 26, 2016 3:45 PM (10 minutes)

Presenter: Dr STRAUSS, Thomas (FNAL)

Session Classification: New Ideas