2022 All Engineers Retreat

Report of Contributions

Contribution ID: **1** Type: **not specified**

Welcome

Tuesday, 22 February 2022 09:00 (15 minutes)

Presenters: MOSSEY, Christopher (FNAL); CZARAPATA, Paul (FNAL)

Session Classification: Annual Plenary

Contribution ID: **2** Type: **not specified**

Address to Engineering Community

Tuesday, 22 February 2022 09:15 (15 minutes)

Presenter: LOCKYER, Nigel (Fermilab)

Session Classification: Annual Plenary

Contribution ID: **3**
Type: **not specified**

New Engineers to FNAL

Tuesday, 22 February 2022 09:30 (1 hour)

Presenters: JEFFERS, Mark (FNAL);   GEELHOED, Mike (Fermilab)

Session Classification: Annual Plenary

Contribution ID: **4**   Type: **not specified**

Accelerator Overview

Presenter: GRZELAK, Victor

Session Classification: Annual Plenary

Contribution ID: 5 Type: **not specified**

ACORN Overview

Tuesday, 22 February 2022 10:30 (30 minutes)

Presenter: GOTTSCHALK, Erik (Fermilab)

Session Classification: Annual Plenary

Contribution ID: **6**   Type: **not specified**

LBNF/DUNE Far Site Conventional Facilities (FSCF) Excavation Work

Tuesday, 22 February 2022 13:00 (30 minutes)

Presenter: RICKARD, James

Session Classification: Annual Plenary

Contribution ID: **7**   Type: **not specified**

PIP-II Update

Tuesday, 22 February 2022 13:30 (30 minutes)

Presenter: KOKOSKA, Lidija

Session Classification: Annual Plenary

Contribution ID: **8**   Type: **not specified**

DOE Small Business Innovation Research (SBIR) Program

Tuesday, 22 February 2022 14:00 (1 hour)

Presenter: Dr MARKEN, Kenneth (Department of Energy)

Session Classification: Keynote: DOE Small Business Innovation Research (SBIR) Program

Contribution ID: **9**　　　　　　　　　　　　　　　　　Type: **not specified**

Overview of Construction at FNAL

Wednesday, 23 February 2022 09:00 (1 hour)

Presenter:　JEFFERS, Mark (FNAL)

Session Classification:　Engineering Talks

Contribution ID: **10** Type: **not specified**

AI/ML at FNAL

Wednesday, 23 February 2022 09:00 (30 minutes)

Presenter: TRAN, Nhan (FNAL)

Session Classification: Engineering Talks

Contribution ID: **11** Type: **not specified**

Robotics Initiative

Wednesday, 23 February 2022 13:00 (1 hour)

Presenter: WONG-SQUIRES, Mayling (Fermilab)

Session Classification: Engineering Talks

Contribution ID: **12**   Type: **not specified**

Virtual Tour of the LCLS-II HE CM Assembly

Presenter: GRIMM, Chuck (Fermilab)

Session Classification: Virtual Tour of the LCLS-II HE CM Assembly

Contribution ID: **13**   Type: **not specified**

Keynote: Strategic Approach to Broaden the Use of Superconductivity in Society and the Potential Impact on a Cleaner, Healthier and Sustainable Future

Wednesday, 23 February 2022 10:00 (1 hour)

Presenter: MELHEM, Ziad (Oxford Quantum Solutions Ltd., Founder and CEO)

Session Classification: Keynote: Strategic Approach to Broaden the Use of Superconductivity in Society and the Potential Impact on a Cleaner, Healthier and Sustainable Future

Contribution ID: **14**   Type: **not specified**

Cryogenics for Quantum Applications

Wednesday, 23 February 2022 14:00 (1 hour)

Presenter: HOLLISTER, Matthew

Session Classification: Engineering Talks

Contribution ID: **15** Type: **not specified**

SBND TPC Assembly and Transport Fixture (ATF) and TPC Hanger System

Wednesday, 23 February 2022 09:30 (30 minutes)

Presenter: SHETTY, Shishir

Session Classification: Engineering Talks

Contribution ID: **16** Type: **not specified**

IERC Virtual Tour

Wednesday, 23 February 2022 14:30 (30 minutes)

Presenters: FOGRASE, Dan (Fermilab); NICHOLS, Trevor (Fermilab)

Session Classification: IERC Virtual Tour

Contribution ID: 17   Type: **not specified**

Ethical Engineering Disasters: What Can We Learn From Them?

Wednesday, 23 February 2022 14:00 (30 minutes)

Presenter: LAURETO, Kathrine

Session Classification: Engineering Talks

Contribution ID: **18** Type: **not specified**

We Want to Hear from You

Thursday, 24 February 2022 09:00 (1 hour)

Presenter: LAURETO, Kathrine

Session Classification: Engineering Talks

Contribution ID: **19**   Type: **not specified**

Introduction of New Diversity and Inclusion Specialists

Thursday, 24 February 2022 10:00 (8 minutes)

Presenters: RUIZ BELTRAN, Anahi (Fermilab);   WATKINS, Cortez (Fermilab)

Session Classification: Connecting to Our Community

Contribution ID: **20**

Type: **not specified**

Engineering Manual Update

Thursday, 24 February 2022 13:00 (30 minutes)

Presenter: CZARAPATA, Paul (FNAL)

Session Classification: Annual Plenary

Contribution ID: **21**	Type: **not specified**

Inventor Recognition Ceremony

Thursday, 24 February 2022 13:30 (1h 30m)

Session Classification: Inventor Recognition Ceremony

Contribution ID: **22**　　　　　　　　　　　　　　　　　　Type: **not specified**

Closing and Opportunities for the FNAL Engineering Community

Thursday, 24 February 2022 15:00 (30 minutes)

Presenter: CZARAPATA, Paul (FNAL)

Session Classification: Annual Plenary

Contribution ID: **23**   Type: **not specified**

Fermilab Society of Women Engineers

Thursday, 24 February 2022 10:08 (8 minutes)

Presenter: IBRAHIM, M. A. (FNAL -AD/INST)

Session Classification: Connecting to Our Community

Contribution ID: 24 Type: **not specified**

Young Professionals - Buddy Program

Thursday, 24 February 2022 10:16 (8 minutes)

Presenter: GEELHOED, Mike (Fermilab)

Session Classification: Connecting to Our Community

Contribution ID: **25**   Type: **not specified**

Spectrum - Human Rights Campaign Foundation's Corporate Equality Index

Thursday, 24 February 2022 10:24 (8 minutes)

Presenter: CHOLEWINSKI, Pete

Session Classification: Connecting to Our Community

Contribution ID: **26** Type: **not specified**

AABA - ACT-SO; AABA-NSBE Jr.

Thursday, 24 February 2022 10:32 (8 minutes)

Presenter: WATKINS, Cortez (Fermilab)

Session Classification: Connecting to Our Community

Contribution ID: **28** Type: **not specified**

African School of Physics (ASP)

Thursday, 24 February 2022 10:40 (8 minutes)

Presenter: AMMIGAN, Kavin (Fermi National Accelerator Laboratory)

Session Classification: Connecting to Our Community