

2020 All Engineers Retreat

Report of Contributions

Contribution ID: **19**

Type: **not specified**

Address to Engineering Community

Tuesday, 18 February 2020 09:30 (15 minutes)

Presenter: LOCKYER, Nigel (Fermilab)

Session Classification: Annual Plenary

Contribution ID: 21

Type: **not specified**

New Engineering Technologies at Fermilab

Tuesday, 18 February 2020 09:10 (20 minutes)

Presenter: Dr LYKKEN, Joseph (Fermilab)

Session Classification: Annual Plenary

Contribution ID: 22

Type: **not specified**

Volunteering and D&I Activities

Tuesday, 18 February 2020 09:45 (15 minutes)

Presenter: CHARLES, Sandra (Fermilab)

Session Classification: Annual Plenary

Contribution ID: 23

Type: **not specified**

Succession Planning Subcommittee Update

Tuesday, 18 February 2020 10:00 (30 minutes)

Presenter: Mr DRENNAN, Craig (Fermilab)

Session Classification: Annual Plenary

Contribution ID: 24

Type: **not specified**

Ask An Engineer

Tuesday, 18 February 2020 10:40 (10 minutes)

Presenter: THOMPSON, Rebecca

Session Classification: Annual Plenary

Contribution ID: 25

Type: **not specified**

Entrepreneurship and Commercialization Practicum

Tuesday, 18 February 2020 11:00 (10 minutes)

Presenter: SCHMIDT, Cherri (Fermilab)

Session Classification: Annual Plenary

Contribution ID: 26

Type: **not specified**

New Engineering Resource Website

Tuesday, 18 February 2020 11:30 (20 minutes)

Presenter: CZARAPATA, Paul (FNAL)

Session Classification: Annual Plenary

Contribution ID: **28**

Type: **not specified**

Engineering the world's largest digital camera

Tuesday, 18 February 2020 13:00 (1 hour)

Presenter: BOND, Tim (SLAC)

Session Classification: Keynote

Contribution ID: **31**

Type: **not specified**

Introduction to Epics

Tuesday, 18 February 2020 14:30 (30 minutes)

Presenter: HANLET, Pierrick (Illinois Institute of Technology/FNAL)

Session Classification: Past, Present & Future of EPICS

Contribution ID: **32**

Type: **not specified**

History Of Epics

Tuesday, 18 February 2020 15:00 (30 minutes)

Presenter: Mr JOHNSON, Andrew (Argonne National Laboratory)

Session Classification: Past, Present & Future of EPICS

Contribution ID: 33

Type: **not specified**

Trends In Industry

Tuesday, 18 February 2020 15:45 (30 minutes)

Presenter: DIAMOND, John

Session Classification: Past, Present & Future of EPICS

Contribution ID: 39

Type: **not specified**

Instructions/Schedule/Q&A

Thursday, 20 February 2020 08:30 (30 minutes)

Presenter: ANDERSON, Kris

Session Classification: Arduino Hackathon

Contribution ID: 43

Type: **not specified**

Introduction to Epics7

Thursday, 20 February 2020 13:00 (30 minutes)

Presenter: Mr JOHNSON, Andrew (Argonne National Laboratory)

Session Classification: EPICS Development Town Hall

Contribution ID: 44

Type: **not specified**

Introduction to 2D Data Aquisition in EPICS

Thursday, 20 February 2020 13:30 (30 minutes)

Presenter: RIVERS, Mark (Univ. of Chicago)

Session Classification: EPICS Development Town Hall

Contribution ID: 45

Type: **not specified**

Visions for EPICS in Fermilab Accelerator Controls

Thursday, 20 February 2020 14:15 (30 minutes)

Presenters: HARRISON, Beau (AD ops); HANLET, Pierrick (Illinois Institute of Technology/FNAL)

Session Classification: EPICS Development Town Hall

Contribution ID: 46

Type: **not specified**

Accelerator Controls: Data Acquisition to Input/Output Controllers

Thursday, 20 February 2020 14:45 (45 minutes)

Session Classification: EPICS Development Town Hall

Contribution ID: 47

Type: **not specified**

Accelerator Controls: Client Application Data Acquisition

Thursday, 20 February 2020 16:00 (45 minutes)

Session Classification: EPICS Development Town Hall

Contribution ID: 50

Type: **not specified**

Engineering Colloquium Update

Tuesday, 18 February 2020 10:50 (10 minutes)

Presenter: Ms IBRAHIM, Aisha (FNAL -AD/INST)

Session Classification: Annual Plenary

Contribution ID: 51

Type: **not specified**

Introduction to LDRD Program

Monday, 17 February 2020 11:00 (30 minutes)

Presenter: Dr TSCHIRHART, Robert (Fermilab)

Session Classification: LDRD : Expand Beyond Programmatic Activities

Contribution ID: 54

Type: **not specified**

Entrepreneurship and Commercialization Practicum (con't)

Tuesday, 18 February 2020 11:10 (20 minutes)

Presenter: SAUERS, Aaron

Session Classification: Annual Plenary

Contribution ID: 55

Type: **not specified**

Inventor Recognition Ceremony

Friday, 21 February 2020 10:00 (1 hour)

Session Classification: Inventions and Inventors Recognition

Contribution ID: 56

Type: **not specified**

Speaking While Thinking: Reflecting on a Few Lessons Learned as a Woman Among Scientists (and Doctors and Bankers)

Friday, 21 February 2020 11:00 (20 minutes)

Session Classification: Inventions and Inventors Recognition

Contribution ID: 58

Type: **not specified**

Software Best Practices

Monday, 17 February 2020 09:00 (2 hours)

Presenter: MAMBELLI, Marco (Fermilab)

Session Classification: Software Best Practices

Contribution ID: 59

Type: **not specified**

HandsOn Machine Learning Tutorial

Wednesday, 19 February 2020 09:00 (3 hours)

Presenters: Dr HOLZMAN, Burt (FNAL); Dr STJOHN, Jason (Fermilab); TRAN, Nhan (FNAL)

Session Classification: Hands-On Introduction to Machine Learning

Contribution ID: **60**

Type: **not specified**

Guided Demo on Altium Projects

Wednesday, 19 February 2020 13:30 (2 hours)

Presenter: Mr OLSEN, Jamieson (Fermilab)

Session Classification: From the Ground Up - Building an Altium NEXUS Project