

Physics of Sustainable energy -IV at UChicago

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Friday, 17 June 2016 08:30 (5 minutes)

Presenter: Dr BHAT, Pushpalatha (Fermilab)

Contribution ID: 1

Type: **not specified**

Welcome

Friday, 17 June 2016 08:35 (5 minutes)

Presenter: Dr GREENSTONE, Michael (EPIC)

Contribution ID: 2

Type: **not specified**

Opening Remarks

Friday, 17 June 2016 08:40 (20 minutes)

Presenter: Dr LITTLEWOOD, Peter (ANL)

Contribution ID: 4

Type: **not specified**

Overview and Pathways to energy Sustainability

Friday, 17 June 2016 09:00 (45 minutes)

Presenter: Prof. ROSNER, Robert

Session Classification: Session1: Energy Landscape, Challenges and Outlook

Contribution ID: 5

Type: **not specified**

Do energy Efficiency Investments Deliver?

Friday, 17 June 2016 09:45 (45 minutes)

Presenter: Dr GREENSTONE, Michael

Session Classification: Session1: Energy Landscape, Challenges and Outlook

Contribution ID: 6

Type: **not specified**

The Multi-TW Scale Future for Photovoltaics in the U.S.

Friday, 17 June 2016 10:50 (50 minutes)

Presenter: Dr WILSON, Gregory (NREL)

Session Classification: Session 2: Renewable Energy Technologies in the U.S.

Contribution ID: 7

Type: **not specified**

Comparative Overview of Solar, Wind and Other renewable Technologies

Friday, 17 June 2016 11:40 (50 minutes)

Presenter: Dr MURRAY, Charlie (InvEnergy)

Session Classification: Session 2: Renewable Energy Technologies in the U.S.

Contribution ID: 8

Type: **not specified**

A Roadmap for Nuclear Energy Technology

Friday, 17 June 2016 13:30 (52 minutes)

Presenter: Dr SOFU, Tanju (ANL)

Session Classification: Session 3: Nuclear Energy

Contribution ID: 9

Type: **not specified**

Prospects for Nuclear Energy: Clear Skies or Stormy Weather?

Friday, 17 June 2016 14:22 (53 minutes)

Presenter: Dr FERGUSON, Charles (FAS)

Session Classification: Session 3: Nuclear Energy

Contribution ID: **10**

Type: **not specified**

Energy-Economic Simulation Modeling

Friday, 17 June 2016 15:45 (52 minutes)

Presenter: Dr SANSTAD, Alan (LBL)

Session Classification: Session 4: Energy Efficiency, Sustainable Use and Energy Security

Contribution ID: 11

Type: **not specified**

Energy Security

Friday, 17 June 2016 16:37 (53 minutes)

Presenter: ORI, Sam (EPIC)

Session Classification: Session 4: Energy Efficiency, Sustainable Use and Energy Security

Contribution ID: 12

Type: **not specified**

Batteries

Saturday, 18 June 2016 08:30 (52 minutes)

Presenter: Dr CRABTREE, George (ANL, UIC)

Session Classification: "Classical" Energy Storage Solutions

Contribution ID: 13

Type: **not specified**

Thermal Energy Storage

Saturday, 18 June 2016 09:22 (53 minutes)

Presenter: Dr AL-HALLAJ, Said (AllCell/UIC)

Session Classification: "Classical" Energy Storage Solutions

Contribution ID: 14

Type: **not specified**

Final Remarks

Saturday, 18 June 2016 17:30 (20 minutes)

Presenters: Dr BHAT, Pushpalatha (Fermilab); Dr ROSNER, Robert (EPIC, UChicago)

Contribution ID: 15

Type: **not specified**

Hydrogen Storage and Fuel Cell Technologies

Saturday, 18 June 2016 10:45 (52 minutes)

Presenter: Dr LIU, Di-Jia (ANL)

Session Classification: Session 6: Innovations in Energy Storage

Contribution ID: 16

Type: **not specified**

H2 Economy and Coupling to transportation Needs

Saturday, 18 June 2016 11:37 (53 minutes)

Presenter: Dr TOPEL, Bob (EPIC)

Session Classification: Session 6: Innovations in Energy Storage

Contribution ID: 17

Type: **not specified**

Modernizing the Grid

Saturday, 18 June 2016 13:30 (52 minutes)

Presenter: GUZOWSKI, Leah (ANL)

Session Classification: Session 7: Energy Infrastructure and Distribution

Contribution ID: **18**

Type: **not specified**

Grid Energy Storage and Dispatching

Saturday, 18 June 2016 14:22 (53 minutes)

Presenter: Dr CICALA, Steve (School of Economics, UChicago)

Session Classification: Session 7: Energy Infrastructure and Distribution

Contribution ID: 19

Type: **not specified**

Lab to Market; Commercial Pathways

Saturday, 18 June 2016 15:45 (52 minutes)

Presenter: Dr KNAPP, Robert (Evergreen State College)

Session Classification: Session 8: Energy Policy

Contribution ID: 20

Type: **not specified**

Politics and Policy involved in energy transition

Saturday, 18 June 2016 16:37 (53 minutes)

Presenter: Dr ELSESSER, Mark (APS)

Session Classification: Session 8: Energy Policy