TELLURIDE SCIENCE
& INNOVATION CENTER
ELEVATING SCIENCE AND DISCOVERY

Previous TSTC Schools

2021 TSTC

Michael Feig, Department of Biochemistry and Molecular Biology, Michigan State University

TSTC Organizers:

Timothy Berkelbach, Department of Chemistry, Columbia University/br>July 19th-July 23rd, 2021

Telluride Intermediate School, 725 West Colorado Ave Telluride, CO 81435

Lecturers:

Lecturers:

Biophysics -- Prof. Michael Feig (Michigan State Unversity)

Electronic Structure Theory -- Prof. Timothy Berkelbach (Columbia University)

Statistical Mechanics -- Prof. Todd Gingrich (Northwestern University)

Chemical Dynamics -- Prof. Nandini Ananth (Cornell University)

School Venue:

Telluride Intermediate School

725 West Colorado Ave Telluride CO 81435

2019 TSTC

TSTC Organizers:

Suriyanarayanan Vaikuntanathan, Department of Chemistry, University of Chicago

Ignacio Franco, Department of Chemistry, University of Rochester

July 29th-August 2nd, 2019

Telluride Intermediate School, 725 West Colorado Ave Telluride, CO 81435

Lecturers:

Statistical Mechanics -- Prof. Suriyanaranyanan Vaikuntanathan (University of Chicago)

Chemical Dynamics -- Prof. Ignacio Franco (Unversity of Rochester)

Biophysics -- Prof. Michael Feig (Michigan State Unversity)

Electronic Structure Theory -- Prof. Timothy Berkelbach (Columbia University)

School Venue:

Telluride Intermediate School

725 West Colorado Ave Telluride CO 81435

Archived presentations, problem sets, reading material, and general information can be found at

Telluride TSTC 2019

2017 TSTC

TSTC Organizers:

Thomas Miller, Department of Chemistry, Caltech,

Joan-Emma Shea, Department of Chemistry and Biochemistry, UC Santa Barbara

July 24th-28th, 2017

Telluride Intermediate School, 725 West Colorado Ave Telluride, CO 81435

Lecturers

Electronic structure -- Prof. Troy Van Voorhis (MIT)

Statistical mechanics -- Prof. Phillip Geissler (UC Berkeley)
Chemical Dynamics -- Prof. Tom Miller (Caltech)
Biophysics -- Prof. Joan-Emma Shea (UC Santa Barbara)

Supporting Files:

tfm_1_rate_theory.pdf

tfm_2_rate_theory_part2.pdf

tfm_3_path_integrals.pdf
tfm_4_analytical_continuation.pdf
tfm_5_path_integral_MD.pdf

2015 TSTC

TSTC Organizers:
Phillip Geissler, College of Chemistry, University of California, Berkeley
Troy Van Voorhis, Department of Chemistry, MIT
July 12th-18th, 2015
Telluride Elementary School, 447 West Columbia Ave Telluride CO 81435

Lecturers

Electronic Structure -- Prof. Toru Shiozaki (Northwestern University)
Statistical Mechanics -- Prof. Suriyanaranyanan Vaikuntanathan (University of Chicago)
Chemical Dynamics -- Prof. Tom Miller (Caltech)
Biophysics -- Prof. Joan-Emma Shea (UC Santa Barbara)

Archived presentations, problem sets, reading material, and general information can be found at

http://tstc.mit.edu

Supporting Files:

tstc_poster_2015_v1 copy-1.pdf

TSTC-schedule-revised3.pdf

2013 TSTC

TSTC Organizer: Edwin L. Sibert, Professor of Chemistry, University of Wisconsin-Madison

July 15th-20th, 2013

http://www.telluridescience.org/tstc/2013

http://tstc.chem.wisc.edu/

Lecturers
Electronic Structure Theory-Professor Troy Van Voorhis, MIT
Statistical Mechanics-Professor Phillip Geissler, University of California-Berkeley
Chemical Dynamics-Professor Edwin Sibert, University of Wisconsin-Madison
2012 Awardee Plenary Lecturer: Anna Krylov, University of Southern California Professor of Chemistry
2013 Awardee Plenary Lecturer: Gregory A. Voth, Haig P. Papazian Distinguished Service Professor of Chemistry and the James Frank Institute at the University of Chicago
Futher details about the 2013 TSTC summer school will be ongoing

2011 TSTC

TSTC Organizer: Professor Rigoberto Hernandez, Georgia Institute of Technology
July 10th-16th, 2011

Lecturers

- 2010 Awardee Plenary Lecturer: Professor Ken Jordan, University of Pittsburgh
- 2011 Awardee Plenary Lecturer: Professor James Skinner, Univeristy of Wisconsin
- Electronic Structure Theory: Professor Martin Head-Gordon
- Statistical Mechanics- Professor Rigoberto Hernandez, Georgia Institute of Technology
- Chemical Dyanmics- Professor Ned Sibert, Univeristy of Wisconsin-Madison
- Click here for further details about the 2011 TSTC Summer School

2009 TSTC

TSTC Organizer: Jack Simons, Univeristy of Utah

July 19th-25th, 2009

Lecturers

- Special Plenary Session-Professor Peter Rosskey, Univeristy of Texas-Austin,
- Electronic Structure Theory-Professor Jack Simons, University of Utah

- Chemical Dynamics-Professor John Tully, Yale University
- Statistical Mechanics-Professor Rigoberto Hernandez, Geogia Tech
- Nanomaterials and Molecular Electronics-Professor Geoff Hutchinson, University of Pittsburgh
- Click here for further details about the 2009 TSTC Summer School