Monday, June 26	**DSECOP 2023 Data Science in Physics Workshop**
9:00 – 9:30	**William Ratcliff** (NIST, University of Maryland) *Opening Remarks*
9:30 – 10:30	**Mohammad Soltanieh-ha** (Boston University) Overview of Fellows' Activity
10:30 – 11:00	**COFFEE Break**
11:00 – 11:30	**Julie Butler** (University of Mount Union) Introduction to Data Science Libraries: Using Pandas, Seaborn, and Matplotlib to Analyze and Display Physics Data
11:30 – 12:00	**Richard Harry** (Tuskegee University) Classification of Refractive Materials: An Introduction Module — Hybrid
12:00 – 1:00	**LUNCH**
1:00 – 1:30	**Maissam Barkeshli** (University of Maryland) ML for Physics undergradute course
1:30 – 2:00	**Connor Robertson** (New Jersey Institute of Technology) Exploring and predicting projectile motion with drag using time series analysis and forecasting
2:00 – 2:30	**Ashley Dale** (Indiana University) Connecting Monte Carlo Methods to Modern AI/ML
2:30 – 3:00	**Karan Shah** (Center for Advanced Systems Understanding) Introduction to Computer Vision algorithms with applications in lab courses
3:00 – 3:30	**COFFEE Break**
3:30 – 4:00	**Joseph Dominicus Lap** (Yale University) Symbolic Regression: Laws from Data
4:00 – 4:30	**Jacob Hale** (DePauw University) Early implementation of modules in a Sophomore/Junior level experimental methods course
4:30 – 5:30	**Alexis Knaub** (American Association of Physics Teachers) Challenges/Pedagogy

Tuesday, June 27	DSECOP 2023 Data Science in Physics Workshop
9:00 – 9:30	**Wolfgang Losert** (University of Maryland) Role of Data Science in Intro Physics Course
9:30 – 10:00	**Marilena Longobardi** (University of Basel) Data Science in Europe
10:00 – 10:30	**Mohammad Soltanieh-ha** (Boston University) Discussion: Tools
10:30 – 11:00	**COFFEE Break**
11:00 – 12:00	**Linda Hung** (Toyota Research) & **Jie Ren** (Merck) & **Valentin Stanev** (AstraZeneca) Industry Panel: Preparing Students for Industry — Hybrid
12:00 – 1:00	**LUNCH**
1:00 – 1:30	**Anıl Zenginoğlu** (University of Maryland) Learning AI from AI
1:30 – 2:00	**Chris Orban** (Ohio State University) Data Science in Introductory Physics and Physical Science: Ideas from the STEMcoding Project
2:00 – 2:30	**Ji-An Yan** (Towson University) Development of an Interdisciplinary Scientific Computing and Data Science Course: Challenges, Experiences, and Lessons
2:30 – 3:00	**Joseph F Kozminski** (Lewis University) Using Data Science in Advanced Physics Laboratories
3:00 – 3:30	**COFFEE Break**
3:30 – 4:00	**William Ratcliff** (NIST, University of Maryland) Discussion: What we have learned so far
4:00 – 4:30	**Ivo Dinov** (University of Michigan) Data Science Modules Enhancing the Biophysics Curriculum
4:30 – 5:00	**Johnny Lin** (University of Washington Bothell) Beginning at the Beginning: Teaching Novice Physicists Data Science Programming

Wednesday, June 28	**DSECOP 2023 Data Science in Physics Workshop**
9:00 – 9:30	**Alexis Knaub** (American Association of Physics Teachers) Discussion: Pedagogical considerations and challenges
9:30 – 10:00	**William Ratcliff** (NIST, University of Maryland) Physics/Data Science
10:00 – 10:30	**Jason Hattrick-Simpers** (University of Toronto) Large Language Models – My Best Friend, My Worst Enemy
10:30 – 11:00	**COFFEE Break**
11:00 – 12:00	**Round-Table** Action Plan for Data Science Education in the Undergraduate Physics Curriculum
12:00 – 1:00	**LUNCH**