

Session Program

1-2 Jun 2026

**USCMS/IRIS-HEP Analysis Software Training
2026**

Lectures

University of Maryland, John Toll Building (PHY) 2122

Monday 1 June

09:00

Lectures: Lectures (Block 1)

Session | **Location:** University of Maryland, John Toll Building (PHY) 2122

09:00–09:15 **Welcome / Introduction**

09:15–09:45 **Coffea-Casa and Compute Infrastructure**

Speakers

Andres Rios-Tascon, Samuel Albin

09:45–10:30 **Columnar analysis and Awkward Array (1)**

Speaker

Ianna Osborne

10:30

11:00

Lectures: Lectures (Block 2)

Session | **Location:** University of Maryland, John Toll Building (PHY) 2122

11:00–11:45 **Columnar analysis and Awkward Array (2)**

Speaker

Ianna Osborne

11:45–12:10 **Distributed Analysis and Dask**

Speaker

Dr Giordon Holtsberg Stark

12:10

13:10

Lectures: Lecture (Block 3)

Session | **Location:** University of Maryland, John Toll Building (PHY) 2122

13:15–14:00 **Distributed Analysis and Dask (2)**

Speaker

Dr Giordon Holtsberg Stark

14:00–14:45 **Data Visualization techniques and libraries**

Speaker

Roger Janusiak

14:45–16:00 **Coffea columnar analysis framework**

Speakers

Andres Rios-Tascon, Dr Giordon Holtsberg Stark

16:00

Tuesday 2 June

09:00
10:30
11:00
12:30
12:30
13:00

Lectures: Statistical tools

Session | **Location:** University of Maryland, John Toll Building (PHY) 2122

09:00–10:30 **Statistics concepts overview**

Speaker

Lino Oscar Gerlach

Lectures: Analysis Grand Challenge

Session | **Location:** University of Maryland, John Toll Building (PHY) 2122

11:00–12:30 **AGC: coffea with virtual arrays + Combine**

Speakers

Andres Rios-Tascon, Lino Oscar Gerlach

Lectures: ServiceX for CMS

Session | **Location:** University of Maryland, John Toll Building (PHY) 2122 | **Convener:** Roger Janusiak

12:30–13:00 **ServiceX for CMS**

Speaker

Roger Janusiak