

26TH INTERNATIONAL CONFERENCE ON COMPUTING IN HIGH ENERGY & NUCLEAR PHYSICS (CHEP2023)

Monday, May 8, 2023

Plenary Session: Welcome / Highlighted Keynotes - Norfolk Ballroom III-V (9:00 AM - 10:30 AM)

-Conveners: Gail Dodge

time	[id] title	presenter
9:00 AM	[642] Welcome and Introduction to CHEP23	BOEHNLEIN, Amber DODGE, Gail HENDERSON, Stuart SCOTT, Bobby
9:30 AM	[643] Keynote: Evolutions and Revolutions in Computing: Science at the Frontier	DEAN, David
10:00 AM	[644] Kenote: Future Trends in Nuclear Physics Computing	DIEFENTHALER, Markus

Plenary Session: "Challenges in AI/ML" & "Opportunities in ESCAPE" - Norfolk Ballroom III-V (4:00 PM - 6:00 PM)

-Conveners: Maria Girone

time	[id] title	presenter
4:00 PM	[645] Radically different futures for HEP enabled by AI/ML	CRANMER, Kyle
4:30 PM	[646] AI and Beyond: New Techniques for Simulation and Design in HEP	PEDRO, Kevin
5:00 PM	[516] The ESCAPE Dark Matter Science Project in the European Science Cloud	LITTLE, Jared
5:30 PM	[15] The ESCAPE Collaboration - long term perspective	LAMANNA, Giovanni

Tuesday, May 9, 2023

Plenary Session: Computing Infrastructure & Future Directions - Norfolk Ballroom III-V (9:00 AM - 10:30 AM)

-Conveners: Jerome LAURET

time	[id] title	presenter
9:00 AM	[101] The Virtual Research Environment: towards a comprehensive analysis platform	GAZZARRINI, Elena
9:30 AM	[647] Evolution of ESnet - A Changing Landscape in Scientific Networking	GUOK, Chin
10:00 AM	[379] Coffea-Casa: Building composable analysis facilities for the HL-LHC	SHADURA, Oksana

Wednesday, May 10, 2023

Plenary Session: Streaming R/O & Data Management - Norfolk Ballroom III-V (9:00 AM - 10:30 AM)

-Conveners: Oxana Smirnova

time	[id] title	presenter
9:00 AM	[640] The O2 software framework and GPU usage in ALICE online and offline reconstruction in Run 3	EULISSE, Giulio ROHR, David
9:40 AM	[648] Streaming Readout and Remote Compute Systems	LAWRENCE, David
10:05 AM	[649] Data Management In Nuclear Physics: Cultural Changes For Larger Collaborations	DECONINCK, Wouter

Plenary Session: Planning for the Future - Norfolk Ballroom III-V (10:50 AM - 12:05 PM)

-Conveners: Randall Sobie

time	[id] title	presenter
10:50 AM	[650] The Future of HEP Software & Computing – The Snowmass Report	ELVIRA, Daniel
11:15 AM	[651] The Nuclear Science Long Range Plan and Computing	GAO, Haiyan
11:40 AM	[652] Integrated Research Infrastructure - Architecture Blueprint Activity (IRI-ABA)	RAMPRAKASH, Jini

Thursday, May 11, 2023

Plenary Session: Diversity & Bias / Inclusive and Ethical Computing - Norfolk Ballroom III-V (9:00 AM - 10:45 AM)

-Conveners: Gordon Watts

time	[id] title	presenter
9:00 AM	[653] DEI Roundtable: "Building an equitable STEM workforce for the future"	WEATHERLY, Kimberly TURNER, Clayton WILLIAMS, Aurelia MCKINNEY, Ivan SCHULTZ, A.K.
9:45 AM	[654] LEIDA - Ideas for Achieving Excellence in HEP Research By Minimizing Marginalization and Increasing Belonging	GLADNEY, Larry
10:15 AM	[85] A holistic study of the WLCG energy needs for the LHC scientific program	CAMPANA, Simone

Plenary Session: Upcoming Computing Challenges beyond NP/HEP - Norfolk Ballroom III-V (4:30 PM - 6:00 PM)

-Conveners: Torre Wenaus

time	[id] title	presenter
4:30 PM	[655] Data-Intensive search for Dark Matter with LUX-ZEPLIN	MONZANI, Maria Elena
5:00 PM	[656] Massive Scale Data Analytics at LCLS-II	THAYER, Jana
5:30 PM	[657] Global Data Management in Astronomy and the link to HEP: are we collaborators, consumers or competitors?	BOLTON, Rosie

Friday, May 12, 2023

Plenary Session: Track 1--6 Highlights - Norfolk Ballroom III-V (9:00 AM - 10:30 AM)

-Conveners: Paul Laycock; Oksana Shadura

time	[id] title	presenter
9:00 AM	[659] Track 1 Highlights	BARISITS, Martin
9:15 AM	[660] Track 2 Highlights	YAMADA, Satoru
9:30 AM	[661] Track 3 Highlights	BANDIERAMONTE, Marilena
9:45 AM	[662] Track 4 Highlights	ELLIS, Katy
10:00 AM	[663] Track 5 Highlights	SEXTON, Elizabeth
10:15 AM	[664] Track 6 Highlights	HAGEBOECK, Stephan

Plenary Session: Track 7--X Highlights and Close out - Norfolk Ballroom III-V (11:00 AM - 12:30 PM)

-Conveners: Xavier Espinal; Raffaella De Vita

time	[id] title	presenter
11:00 AM	[665] Track 7 Highlights	MARTINEZ OUTSCHOORN, Verena Ingrid
11:15 AM	[666] Track 8 Highlights	HERNANDEZ VILLANUEVA, Michel
11:30 AM	[667] Track 9 Highlights	VALLECORSIA, SOFIA
11:45 AM	[668] Track X Highlights	TIMM, Steven
12:00 PM	[669] Conference Wrap-up	