

24th International Conference on Computing in High Energy & Nuclear Physics

Monday, November 4, 2019

Plenary: Welcome / DUNE / Belle II - Hall G (9:00 AM - 10:30 AM)

-Conveners: Simone Campana

time	[id] title	presenter
9:00 AM	[M93] Welcome	
9:30 AM	[M94] Collaborative computing needs for DUNE	SCHELLMAN, Heidi Marie
10:00 AM	[M95] Belle II	DOSSETT, David

Plenary: Computational astrophysics / Diversity - Hall G (4:00 PM - 6:10 PM)

-Conveners: James Zanotti

time	[id] title	presenter
4:00 PM	[M96] Square Kilometer Array computing - from SDP to SRC	HUYNH, Minh
4:30 PM	[M20] Evaluating Rucio outside ATLAS: Common experiences from Belle II, CMS, DUNE, SKA, and LIGO	LASSNIG, Mario
5:00 PM	[M98] Alert systems, from astrophysics experiments to telescopes	KASLIWAL, Mansi
5:30 PM	[M99] Diversity & Inclusivity	BEAZLEY, Lyn
6:00 PM	[M15] Diversity & Inclusivity at CHEP 2019	KAMLEH, Waseem

Tuesday, November 5, 2019

Plenary: Real-time computing / Future strategy - Hall G (9:00 AM - 10:30 AM)

-Conveners: Xiaomei Zhang

time	[id] title	presenter
9:00 AM	[00] Real-time data analysis model at the LHC and connections to other experiments / fields	DE OYANGUREN CAMPOS, Arantza
9:30 AM	[01] ALICE continuous readout and data reduction strategy for Run3	SHAHOYAN, Ruben
10:00 AM	[10] Future of software and computing in the scope of the European Strategy for Particle Physics	LOU, Xinchou

Wednesday, November 6, 2019

Plenary: Accelerated computing - Hall G (9:00 AM - 10:30 AM)

-Conveners: Caterina Doglioni

time	[id] title	presenter
9:00 AM	[183] Meeting the challenge of JUNO simulation with Opticks GPU Optical Photon Acceleration	BLYTH, Simon
9:30 AM	[184] Physics performance and event throughput of the GPU High Level Trigger 1 of LHCb	VOM BRUCH, Dorothea
10:00 AM	[184] HPC+AI: Accelerating scientific computing for the Exascale era	ADIE, Jeff

Plenary: HPC / Cloud computing - Hall G (10:50 AM - 11:50 AM)

-Conveners: Paul Douglas Jackson

time	[id] title	presenter
10:50 AM	[185] HPC systems in the next decade - what to expect, when, where	PLEITER, Dirk
11:20 AM	[186] Reperforming a Nobel Prize discovery on Kubernetes	HEINRICH, Lukas Alexander BRITO DA ROCHA, Ricardo

Thursday, November 7, 2019

Plenary: Quantum computing / Security / Gravitational wave astrophysics - Hall G (9:00 AM - 10:30 AM)

-Conveners: Patrick Fuhrmann

time	[id] title	presenter
9:00 AM	[M07] Quantum computing and information	HOLLENBERG, Lloyd
9:30 AM	[M08] Tackling modern cyberthreats together is the only way forward	WARTEL, Romain
10:00 AM	[M07] Gravitational wave astrophysics computing	LASKY, Paul

Plenary: Molecular sciences / Analysis models / Diversity panel - Hall G (4:30 PM - 6:20 PM)

-Conveners: Lucia Silvestris

time	[id] title	presenter
4:30 PM	[M09] Challenges and opportunities for the Computational Molecular Sciences	CRAWFORD, Daniel
5:00 PM	[M02] The evolution of analysis models for HL-LHC	RIZZI, Andrea
5:30 PM	[M11] Diversity & inclusivity discussion panel	WATTS, Gordon GIRONE, Maria

Friday, November 8, 2019

Plenary: Track highlights - Hall G (8:55 AM - 10:30 AM)

-Conveners: Graeme A Stewart

time	[id] title	presenter
8:55 AM	P112 [P112] Introduction to the Track Highlights	STEWART, Graeme A
9:00 AM	P181 [P181] Track 1 Highlights – Online and Real-time Computing	SCHRAMM, Steven
9:15 AM	P182 [P182] Track 2 Highlights – Offline Computing	LAYCOCK, Paul James
9:30 AM	P183 [P183] Track 3 Highlights – Middleware and Distributed Computing	KISHIMOTO, Tomoe
9:45 AM	P184 [P184] Track 4 Highlights – Data Organisation, Management and Access	MKRTCHYAN, Tigran MKRTCHYAN, Tigran
10:00 AM	P185 [P185] Track 5 Highlights – Software Development	RITTER, Martin
10:15 AM	P186 [P186] Track 6 Highlights – Physics Analysis	SHANAHAN, Phiala

Plenary: Track highlights / Closing - Hall G (11:00 AM - 12:30 PM)

-Conveners: Waseem Kamleh

time	[id] title	presenter
11:00 AM	P187 [P187] Track 7 Highlights – Facilities, Clouds and Containers	WISSING, Christoph
11:15 AM	P188 [P188] Track 8 Highlights – Collaboration, Education, Training and Outreach	LAPKA, Marzena
11:30 AM	P189 [P189] Track 9 Highlights – Exascale Science	YANG, Wei
11:45 AM	P190 [P190] Track X Highlights – Crossover sessions from online, offline and exascale	KHOO, Teng Jian
11:55 AM	P191 [P191] CHEP 2021	BOEHNLEIN, Amber
12:15 PM	P192 [P192] Closing	Dr KAMLEH, Waseem