

**24th International Conference on Computing in High Energy & Nuclear Physics - 4 Nov 2019  
- 8 Nov 2019, Adelaide Convention Centre.  
Daily Programme: Sunday 3 November 2019**

**24th International Conference on Computing in High Energy & Nuclear Physics - 4 Nov 2019  
- 8 Nov 2019, Adelaide Convention Centre.  
Daily Programme: Monday 4 November 2019**

**Break: Registration**

**Time and Place: Foyer F (4 Nov 2019 - 4 Nov 2019)**

**Session: Welcome / DUNE / Belle II**

**Time and Place: Hall G (09:00 - 10:30)**

**Convener: Simone Campana**

**Break: Break**

**Time and Place: (4 Nov 2019 - 4 Nov 2019)**

**Session: Data acquisition (DAQ)**

**Time and Place: Riverbank R5 (11:00 - 12:30)**

**Convener: Chunhua Li**

**Session: Collaborative tools**

**Time and Place: Riverbank R1 (11:00 - 12:30)**

**Convener: Tibor Simko**

**Session: General frameworks and schedulers**

**Time and Place: Riverbank R2 (11:00 - 12:30)**

**Convener: Martin Ritter**

**Session: HPC facilities**

**Time and Place: Riverbank R4 (11:00 - 12:30)**

**Convener: Fabio Hernandez**

**Session: Monitoring and benchmarking**

**Time and Place: Riverbank R7 (11:00 - 12:30)**

**Convener: Oksana Shadura**

**Session: Analysis Tools & Methods**

**Time and Place: Hall G (11:00 - 12:30)**

**Convener: Ross Young**

**Session: community input, experiments and new perspectives**

**Time and Place: Riverbank R8 (11:00 - 12:30)**

**Convener: Xavier Espinal**

**Session: Workload Management & Cost Model**

**Time and Place: Riverbank R3 (11:00 - 12:30)**

**Convener: Catherine Biscarat**

**Session: ML Reconstruction & PID**

**Time and Place: Riverbank R6 (11:00 - 12:30)**

**Convener: Teng Jian Khoo**

**Break: Lunch**

**Time and Place: (4 Nov 2019 - 4 Nov 2019)**

**Session: Monitoring and control systems**

**Time and Place: Riverbank R5 (14:00 - 15:30)**

**Convener: Chunhua Li**

**Session: New Physics studies**

**Time and Place: Hall G (14:00 - 15:30)**

**Convener: Maurizio Pierini**

**Session: Cloud computing**

**Time and Place: Riverbank R7 (14:00 - 15:30)**

**Convener: Christoph Wissing**

**Session: Parallelism, accelerators and heterogenous computing**

**Time and Place: Riverbank R2 (14:00 - 15:30)**

**Convener: Felice Pantaleo**

**Session: distributed computing software and beyond**

**Time and Place: Riverbank R8 (14:00 - 15:30)**

**Convener: Brian Paul Bockelman**

**Session: ML and generative simulation**

**Time and Place: Riverbank R6 (14:00 - 15:30)**

**Convener: Chiara Ilaria Rovelli**

**Session: HTC Sites and Related Services**

**Time and Place: Riverbank R3 (14:00 - 15:30)**

**Convener: Stefan Roiser**

**Session: Strategies by experiments and organizations**

**Time and Place: Riverbank R4 (14:00 - 15:30)**

**Convener: Wei Yang**

**Session: Education**

**Time and Place: Riverbank R1 (14:00 - 15:30)**

**Convener: Marzena Lapka**

**Break: Break**

**Time and Place: (4 Nov 2019 - 4 Nov 2019)**

**Session: Computational astrophysics / Diversity**

**Time and Place: Hall G (16:00 - 18:10)**

**Convener: James Zanotti**

**Session: Welcome Reception**

**Time and Place: Foyer F (18:20 - 19:50)**

**24th International Conference on Computing in High Energy & Nuclear Physics - 4 Nov 2019  
- 8 Nov 2019, Adelaide Convention Centre.  
Daily Programme: Tuesday 5 November 2019**

**Session: Real-time computing / Future strategy  
Time and Place: Hall G (09:00 - 10:30)  
Convener: Xiaomei Zhang**

**Break: Break  
Time and Place: (5 Nov 2019 - 5 Nov 2019)**

**Session: Trigger farms and networks  
Time and Place: Riverbank R5 (11:00 - 12:30)  
Convener: Steven Schramm**

**Session: G4 and simulation frameworks  
Time and Place: Riverbank R6 (11:00 - 12:30)  
Convener: Chris Pinkenburg**

**Session: Heterogenous computing and workflow managers  
Time and Place: Riverbank R2 (11:00 - 12:30)  
Convener: Felice Pantaleo**

**Session: Data transfer, data access and storage QoS  
Time and Place: Riverbank R8 (11:00 - 12:30)  
Convener: Tigran Mkrtchyan**

**Session: HPCs and Related Services  
Time and Place: Riverbank R3 (11:00 - 12:30)  
Convener: James Letts**

**Session: Porting applications to HPCs  
Time and Place: Riverbank R4 (11:00 - 12:30)  
Convener: Steven Farrell**

**Session: Outreach  
Time and Place: Riverbank R1 (11:00 - 12:30)  
Convener: Marzena Lapka**

**Session: Trends and new Approaches  
Time and Place: Riverbank R7 (11:00 - 12:30)  
Convener: Oksana Shadura**

**Session: Framework  
Time and Place: Hall G (11:00 - 12:30)  
Convener: Maurizio Pierini**

**Break: Lunch  
Time and Place: (5 Nov 2019 - 5 Nov 2019)**

**Session: Lightweight simulation and optimisation  
Time and Place: Riverbank R6 (14:00 - 15:30)  
Convener: Chris Pinkenburg**

**Session: Real-time analysis  
Time and Place: Riverbank R5 (14:00 - 15:30)  
Convener: Steven Schramm**

**Session: Lattice QCD  
Time and Place: Hall G (14:00 - 15:30)**

**Convener: Phiala Shanahan**

**Session: Caching**

**Time and Place: Riverbank R8 (14:00 - 15:30)**

**Convener: Alessandra Forti**

**Session: Operations & Monitoring**

**Time and Place: Riverbank R3 (14:00 - 15:30)**

**Convener: Stefan Roiser**

**Session: Optimisation and acceleration**

**Time and Place: Riverbank R4 (14:00 - 15:30)**

**Conveners: Teng Jian Khoo; Yu Nakahama Higuchi**

**Session: Open data**

**Time and Place: Riverbank R1 (14:00 - 15:30)**

**Convener: Tibor Simko**

**Session: Infrastructure**

**Time and Place: Riverbank R7 (14:00 - 15:30)**

**Convener: Sang Un Ahn**

**Session: Software management and packaging**

**Time and Place: Riverbank R2 (14:00 - 15:30)**

**Convener: Mihaela Gheata**

**Session: A**

**Time and Place: Hall F (15:30 - 16:30)**

**Session: Cross-experiment frameworks & foundations**

**Time and Place: Riverbank R6 (16:30 - 18:00)**

**Convener: Chris Pinkenburg**

**Session: Detectors, performance, and analysis**

**Time and Place: Riverbank R5 (16:30 - 18:00)**

**Convener: Yu Nakahama Higuchi**

**Session: Containers**

**Time and Place: Riverbank R7 (16:30 - 18:00)**

**Convener: Sang Un Ahn**

**Session: Collaborative and common software**

**Time and Place: Riverbank R4 (16:30 - 18:00)**

**Conveners: Paul James Laycock; Steven Schramm**

**Session: workflows and infrastructures**

**Time and Place: Riverbank R8 (16:30 - 18:00)**

**Convener: Xavier Espinal**

**Session: Machine Learning for data analysis**

**Time and Place: Hall G (16:30 - 18:00)**

**Convener: Maurizio Pierini**

**Session: Web**

**Time and Place: Riverbank R1 (16:30 - 18:00)**

**Convener: Ilya Komarov**

**Session: Testbeds and CI systems**

**Time and Place: Riverbank R2 (16:30 - 18:00)**

**Convener: Jason Webb**

**Session: Security & Collaboration**

**Time and Place: Riverbank R3 (16:30 - 18:00)**

**Convener: Catherine Biscarat**

**24th International Conference on Computing in High Energy & Nuclear Physics - 4 Nov 2019  
- 8 Nov 2019, Adelaide Convention Centre.  
Daily Programme: Wednesday 6 November 2019**

**Session: Accelerated computing**

**Time and Place: Hall G (09:00 - 10:30)**

**Convener: Caterina Doglioni**

**Break: Break**

**Time and Place: (6 Nov 2019 - 6 Nov 2019)**

**Session: HPC / Cloud computing**

**Time and Place: Hall G (10:50 - 11:50)**

**Convener: Paul Douglas Jackson**

**Break: Lunch**

**Time and Place: (6 Nov 2019 - 6 Nov 2019)**

**Session: Excursions**

**Time and Place: (12:45 - 17:45)**

**24th International Conference on Computing in High Energy & Nuclear Physics - 4 Nov 2019  
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Daily Programme: Thursday 7 November 2019**

**Session: Quantum computing / Security / Gravitational wave astrophysics  
Time and Place: Hall G (09:00 - 10:30)  
Convener: Patrick Fuhrmann**

**Break: Break  
Time and Place: (7 Nov 2019 - 7 Nov 2019)**

**Session: Non-LHC experiments  
Time and Place: Riverbank R7 (11:00 - 12:30)  
Convener: Christoph Wissing**

**Session: Scheduling, computing environment  
Time and Place: Riverbank R1 (11:00 - 12:30)  
Convener: Fabio Hernandez**

**Session: Collaboration and training  
Time and Place: Riverbank R4 (11:00 - 12:30)  
Convener: Ilya Komarov**

**Session: Pheno fits / Analysis preservation  
Time and Place: Hall G (11:00 - 12:30)  
Convener: Martin White**

**Session: Common tools 1: GUI, geometry, analysis, data models  
Time and Place: Riverbank R2 (11:00 - 12:30)  
Convener: Mihaela Gheata**

**Session: storage systems  
Time and Place: Riverbank R8 (11:00 - 12:30)  
Convener: Brian Paul Bockelman**

**Session: ML Tracking and parallelisation  
Time and Place: Riverbank R6 (11:00 - 12:30)  
Convener: Paul James Laycock**

**Session: Hardware acceleration and hardware machine learning  
Time and Place: Riverbank R5 (11:00 - 12:30)  
Convener: Jennifer Ngadiuba**

**Session: Infrastructure & Identity  
Time and Place: Riverbank R3 (11:00 - 12:30)  
Convener: James Letts**

**Break: Lunch  
Time and Place: (7 Nov 2019 - 7 Nov 2019)**

**Session: Future upgrades  
Time and Place: Riverbank R5 (14:00 - 15:30)  
Convener: Jennifer Ngadiuba**

**Session: Event Reconstruction and Selection methods  
Time and Place: Hall G (14:00 - 15:30)  
Convener: Maurizio Pierini**

**Session: Common tools 2: Messaging, declarative frameworks, optimizers  
Time and Place: Riverbank R2 (14:00 - 15:30)**



**Convener: Jason Webb**

**Session: storage systems evolution and challenges**

**Time and Place: Riverbank R8 (14:00 - 15:30)**

**Convener: Alessandra Forti**

**Session: Reconstruction and Performance**

**Time and Place: Riverbank R6 (14:00 - 15:30)**

**Convener: Chiara Ilaria Rovelli**

**Session: Network technologies**

**Time and Place: Riverbank R4 (14:00 - 15:30)**

**Conveners: Sang Un Ahn; Oksana Shadura**

**Session: Software environment, quantum algorithms, others**

**Time and Place: Riverbank R1 (14:00 - 15:30)**

**Convener: Steven Farrell**

**Session: Information Systems, BOINC & User Analysis**

**Time and Place: Riverbank R3 (14:00 - 15:30)**

**Convener: Tomoe Kishimoto**

**Session: Opportunistic resources**

**Time and Place: Riverbank R7 (14:00 - 15:30)**

**Convener: Christoph Wissing**

**Session: B**

**Time and Place: Hall F (15:30 - 16:30)**

**Session: Molecular sciences / Analysis models / Diversity panel**

**Time and Place: Hall G (16:30 - 18:20)**

**Convener: Lucia Silvestris**

**Break: Table seating for banquet commences in Hall CD Lower at 18:30**

**Time and Place: Hall CD Lower (7 Nov 2019 - 7 Nov 2019)**

**Session: Banquet**

**Time and Place: Hall CD Lower (18:50 - 22:50)**

**24th International Conference on Computing in High Energy & Nuclear Physics - 4 Nov 2019  
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Daily Programme: Friday 8 November 2019**

**Session: Track highlights**

**Time and Place: Hall G (08:55 - 10:30)**

**Convener: Graeme A Stewart**

**Break: Break**

**Time and Place: (8 Nov 2019 - 8 Nov 2019)**

**Session: Track highlights / Closing**

**Time and Place: Hall G (11:00 - 12:30)**

**Convener: Waseem Kamleh**