4-8 November, Adelaide, Australia
Waseem Kamleh and Paul Jackson
Location – Adelaide, South Australia
Wines@South Australia

• Home to some of the world’s most iconic wine regions
• Responsible for ~55% of all wine grown in Australia

McClaren Vale, Barossa Valley and Adelaide Hills are all within a one hour drive from Adelaide
Adelaide

- Adelaide is the capital of South Australia, population ~1.3 million
- Named the “5th most liveable city in the world” by The Economist
  … (for six years in a row)
University of Adelaide

- Established in 1874
- 3rd oldest University in Australia
- One of the Group of Eight, a coalition of Australia’s leading tertiary institutions
- University of Adelaide has a significant history in high energy & nuclear physics research....
HEP@Adelaide - History

1915 Nobel Prize in Physics
"for their services in the analysis of crystal structure by means of X-rays"

Sir William Lawrence Bragg (1890-1971)
Sir William Henry Bragg (1862-1942)
Sir Mark Oliphant (1901-2000)

Discovered helium-3 and tritium, first demonstration of nuclear fusion!

Cavity magnetron (used in microwave radar, microwave oven)

British Group associated with the Manhattan Project
HEP@Adelaide - Present

Centre for the Subatomic Structure of Matter
- Numerical simulations of fundamental quantum theories
- Lattice QCD
- Effective field theory
- Models of complex systems

Centre of Excellence for Particle Physics at the Terascale
- Searching for supersymmetry (SUSY)
- Searching for evidence of extra dimensions, and other exotic phenomena
- Searching for the origin of dark matter
- Searching for unknown forces of nature at the Terascale
- New computing techniques for LHC / ATLAS data analysis

Bring together experimentalists and theorists!
Physics@Adelaide - Collaborations

Particle physics collaborations

Other major international collaborations

CHEP 2019 — Adelaide, Australia
Phoenix
#17 Green500 (June 2016)
#438 Top500 (June 2016)
7,520 Intel cores
160 Nvidia GPUs
144 K80s+16 V100s
800 Tflops (peak)
1.4 Petabytes Lustre
CHEP2019@Adelaide

4-8 November 2019

State-of-the-art venue in the heart of the city

Venue - Adelaide Convention Centre
Adelaide Convention Centre

Plenary and parallel session rooms, breakout spaces and open areas

Banquet room with riverfront views

Adelaide Oval is just across the river!
WLCG&HSF workshop – University of Adelaide

- Pre-conference WLCG&HSF workshop on 2-3 November 2019
- Hosted on campus at the University of Adelaide
- Just a short walk down the river from the CHEP2019 conference site
November might be the perfect month to visit!!

Lots of sunshine
Low rainfall
Off-peak travel
Average Daily Maximum Temperature in November

- Adelaide: 23
- New York: 12
- Paris: 11
- Beijing: 10
- Geneva: 8
- Berlin: 7
- Oslo: 3
- Moscow: 1
November is off-peak travel!

Qantas flights (return) starting from:

- Frankfurt — €1,200
- Geneva — 1,400 CHF
- London — £770 GBP
- Los Angeles — $1,200 USD
- Tokyo — ¥67,000 JPY
- Beijing — ¥4,200 CNY

Short 15 minute taxi ride to city centre.

Direct connections from major international hubs to Adelaide
Many affordable hotel options within easy walking distance of the venue
Wide choice of high quality dining options close by to the conference venue
Winery and food tours of McLaren Vale and Barossa

Cleland Wildlife Park tour
We look forward to welcoming you all to Adelaide next year!