

XVth International Conference on

WARWICK
THE UNIVERSITY OF WARWICK

Heavy Quarks and Leptons

September 13-17, 2021, University of Warwick, UK

INTERNATIONAL ADVISORY COMMITTEE

- Elisabetta Barberio (University of Melbourne)
- Stefano Bianco (INFN Frascati)
- Tomáš Blážek (Comenius University)
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- Rainer Wanke (University Mainz)
- Hitoshi Yamamoto (Tohoku University)

SCIENTIFIC PROGRAMME

- Neutrino Physics
- Precision Lepton Measurements
- Spectroscopy
- Kaon Physics
- Top Quark Physics
- CP Violation
- Rare Decays
- CKM
- New Experiments



SPONSORS



LOCAL ORGANISING COMMITTEE

- Tim Gershon (University of Warwick, chair)
- Hanako Bell (secretary)
- Gabriel Facini (University of Warwick)
- Matt Kenzie (University of Warwick)
- John Marshall (University of Warwick)

<https://go.warwick.ac.uk/hq12021>

With thanks to our sponsors



IOP

Previous HQLs

- Yamagata 2018, Japan
- Virginia 2016, USA
- Mainz 2014, Germany
- Prague 2012, Czech Republic
- Frascati 2010, Italy
- Melbourne 2008, Australia
- Munich 2006, Germany
- San Juan 2004, Puerto Rico
- Vietri sul mare 2002, Italy
- Rio de Janeiro 2000, Brazil
- Batavia 1998, USA
- St. Goar 1996, Germany
- Charlottesville 1994, USA
- Frascati 1993, Italy

2.5 years since HQL2018 is the longest gap in the series

HQL science

- The XV International Conference on Heavy Quarks and Leptons is dedicated to the **study of the heavy quarks charm, bottom, and top with obvious extensions to interesting topics involving the strange quark. Neutrino oscillation studies and new insights in muon and tau lepton phenomenology are also included.** The conference continues the tradition of regular scientific meetings, first started in 1993 at the Laboratori Nazionali di Frascati under the name "Heavy Quarks at Fixed Target", and widened in 2002 to include leptons with the workshop renamed to what is known as today.

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Additional session conveners: Seon-Hee (Sunny) Seo (IBS Daejeon), Rebecca Chislett (University College London), Liming Zhang (Tsinghua University), Tadashi Nomura (KEK), Sneha Malde (University of Oxford), Yasmine Amhis (IJCLab, Paris), Marcello Rotondo (INFN Frascati), Stephane Monteil (LPC - Clermont University)

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- Hanako Bell (secretary)
- Gabriel Facini (University of Warwick)
- Matt Kenzie (University of Warwick)
- John Marshall (University of Warwick)

Due to various circumstances, TG is the only LOC member present in person during the conference ... but all have contributed to the local organisation

About



- The University of Warwick is a leading & forward-looking University
- Consistently ranking top 10 in UK and ~50 internationally
- Established in 1965, now approx 20,000 undergraduate + 10,000 postgraduate students in 29 academic departments
- Particular strength in several academic disciplines, as well as collaboration with industry
- Strong connection with local region, e.g. Warwick Arts Centre + Sport & Wellbeing Hub
- Campus set in countryside on border of Coventry and Warwickshire

Much green space on campus!

(Possibility to take a walk after lunch – let me know if interested)





<https://coventry2021.co.uk/>

Hybrid nature of meeting

- Our aim is that the scientific part of the meeting should be inclusive for both in-person and remote delegates
- Many speakers and chairs connecting remotely
- In-person participants encouraged to also connect via zoom (muted and speakers off!)
 - To ask a question, use “raise hand” feature
- Speakers must, of course, stick to time
 - And please upload slides in advance!
- Time allocated for questions and discussions
 - Can also use break times for continued discussions when needed