

April 3-5, 2024 > Imperial College - London

Terrestrial Very-Long-Baseline Atom Interferometry

2nd WORKSHOP

Organisers:

INTERNATIONAL ORGANISATION COMMITTEE

Gianluigi Arduini, CERN, Geneva, Switzerland
 Kai Bongs, DLR Institute for Quantum Technologies, Germany
 Philippe Bouyer, University of Amsterdam, Netherlands
 Oliver Buchmueller, Imperial College London, UK
 Sergio Calatroni, CERN, Geneva, Switzerland
 Benjamin Canuel, CNRS, Institut d'Optique, France
 Marilù Chiofalo, University of Pisa and INFN Pisa, Italy
 Michael Doser, CERN, Geneva, Switzerland
 John Ellis, King's College London, UK
 Naceur Gaaloul, Leibniz Universität Hannover, Germany
 Jason Hogan, Stanford University, US
 Peter Knight, Imperial College London, UK
 Timothy Kovachy, Northwestern University, US
 Ernst Rasel, Leibniz Universität Hannover, Germany
 Ian Shipsey, Oxford University, UK
 Guglielmo Tino, Università di Firenze and LENS, Italy
 Wolf von Klitzing, IESL-FORTH, Greece
 Mingsheng Zhan, Wuhan Institute of Physics and Mathematics, China

LOCAL ORGANISATION COMMITTEE

Charles Baynham, Imperial College London, UK
 Oliver Buchmueller, Imperial College London, UK
 John Ellis, King's College London, UK
 Richard Hobson, Imperial College London, UK
 Adam Lowe, Oxford University, UK
 Christopher McCabe, King's College London
 Sean Paling, Boulby Underground Laboratory, UK
 Ulrich Schneider, Cambridge University, UK
 Dennis Schlippert, Leibniz University Hannover, Germany
 Mauritz van der Grinten, Rutherford Appleton Laboratory, UK

INFORMATION

<https://indico.cern.ch/event/1369392/>



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 Fabio Di Pumpo, University of Ulm, Germany
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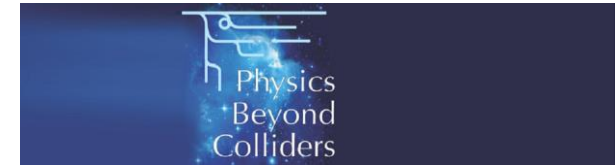
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Towards a Workshop Summary

We will follow the same documentation strategy as for the 1st TVLBAI workshop:

Write-up of each session led by session conveners** & speakers:

- **All workshop participants are invited to contribute and sign the document.**
- **Publish the write-up in a journal still to be determined – suggestions are welcome**

We will set-up an Overleaf skeleton of the document and kick-off writing with dedicated organisers & session conveners meeting in the near future.

** *“The conveners' charges include choosing a set of contributors who present a diverse set of perspectives on the topic, collecting write-ups from them subsequently and integrating them into a combined document that serves as an input into the formulation of the road-map.”*

Thank You!

A big thank you to the ICL team, especially Charles, Richard, Elizabeth, Leonie, Tom, Alice, Ludo, and Niels (AV) ...

... and session conveners, speakers, poster presenters and participants!