

# EuroLat

The HPQCD / UK perspective

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## HPQCD perspective

A European-wide lattice field theory consortium offers potential benefits for groups at individual institutions:

- Funding for European-European and International-European visits to further existing and seed new collaborations.
- Training opportunities for PhD students, postdocs, and academics.
  - Organisation at a wider (than group) level to pool training effort, foster networking, and promote use of standardised codes/practices.
  - Coordination of community-wide lattice schools for PhD students and early career postdocs
- Take organisational lead on or provide administrative and funding support for workshops and conferences.
  - E.g., when Lattice conference next in Europe, EuroLat could be conduit for assistance from groups throughout Europe to help host institution.
  - Beyond the lattice community, integrating/coordinating lattice efforts and planning with wider theory, pheno, and experimental communities.
- Raise awareness of lattice results/efforts within European theory community.
- Provide input to governmental or institutional planning for future hardware and software investment.
- Coordinate and/or support actions of smaller lattice organisations, like UKLFT in the UK or groups at institutions.
  - Letters of support for individual proposals (e.g., similar to what experimental collaborations do).
  - Maintain database of funding and HPC allocation opportunities.