

Status and Progress of ILDG

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The International Lattice Data Grid (ILDG) is a community effort of physicists working on Lattice Field Theory in order to coordinate and enable the sharing of their large and valuable datasets from numerical simulations. ILDG started around 20 years ago and is organized as a world-wide federation of regional grids which use interoperable services (e.g catalogues) and unified standards, (e.g. for APIs and metadata) following the FAIR principles. We report on the status, progress and plans to extend and modernize the ILDG framework and services, including the new implementation of the metadata and file catalogues, extensions of the metadata schema, and transition to Indigo IAM and token-based technologies.

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