Marie Sklodowska-Curie Fellowships in lattice gauge theories, the analysis of LHC data and quantum computing

The Marie Sklodowska-Curie project "Enabling the next generation of computational physicists and engineers" **(ENGAGE)** invites application for **6 fellowships** for the following projects and institutions:

- **Machine learning techniques applied to lattice gauge theories –** G. Koutsou, The Cyprus Institute

- **Computation of the anomalous magnetic moment of the muon using twisted mass fermions** – C. Alexandrou, The Cyprus Institute

- **Variational quantum computer simulations for quantum systems and optimization problems –** K. Jansen, DESY-Zeuthen and Humboldt University of Berlin

- **Jet Clustering in the HL-LHC era with Quantum Computing –** K. Borras, DESY and RWTH Aachen

- **Higgs to bb tagging –** C. Issever, Humboldt University of Berlin

- **Algorithmic development of tensor networks for High Energy Physics –** S. Montangero, University of Padova

Deadline of application: **15th November 2021**

A full description of the projects and details on renumeration and how to apply can be found at
https://engage.cyi.ac.cy