Call 2019

QuantHEP

QuantHEP – Quantum Computing Solutions for High-Energy Physics

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- Yasser Omar, IST-ID, Portugal
- Andris Ambainis, LU, Latvia
- Simone Montangero, INFN Padova, Italy

(together with E. Ercolessi and P. Facchi)

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quanthep.eu twitter.com/QuantHEP

PROJECT PROGRESS (highlights)

CHALLENGE: Analysing data from HEP experiments is one of the hardest computational tasks in the World (100 Tb/s), as is simulating the corresponding processes.

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HURDLES: No physical meetings between 01/2020 and 09/2022.

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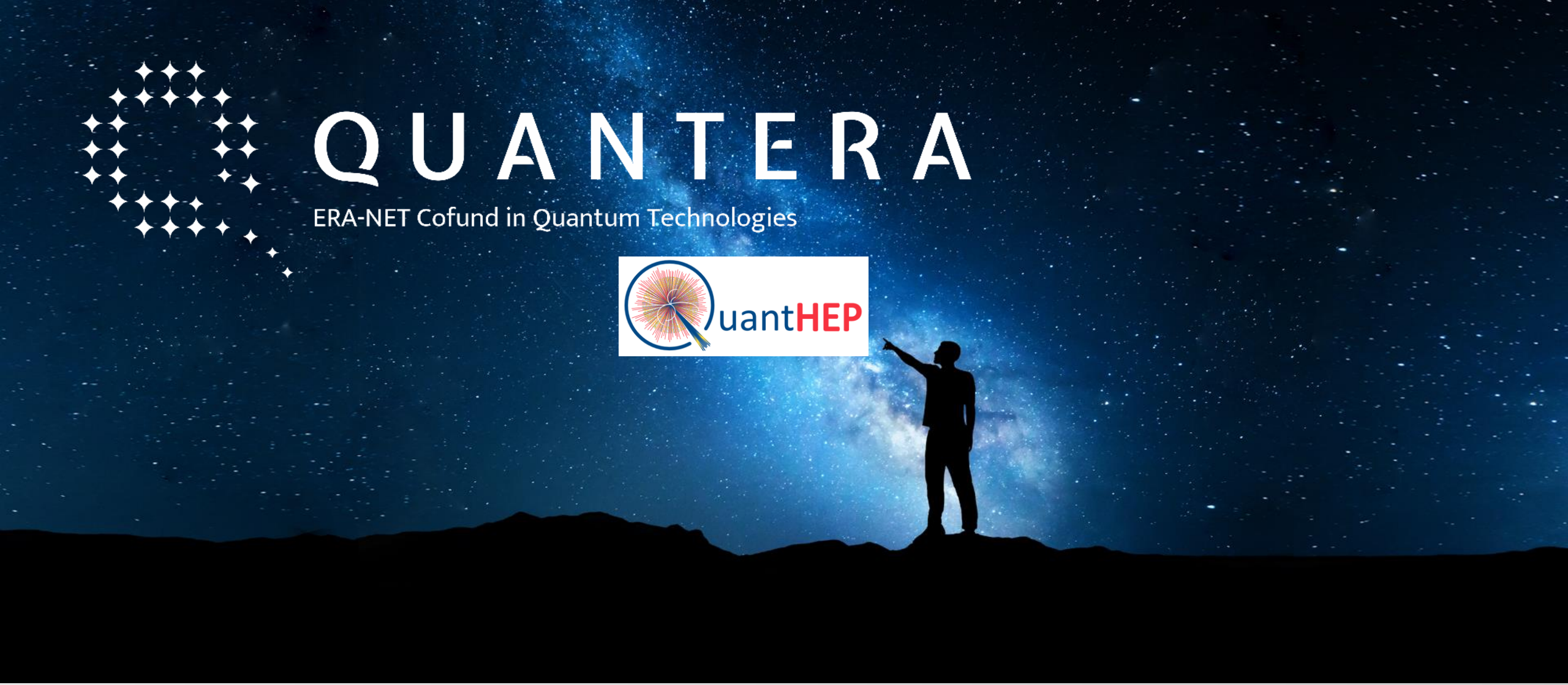
- Contributions to the Advisory Board of the Quantum Technology Initiative at CERN.



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