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Quantum resources in the future of quantum information

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Resource theories provide a unifying framework to characterize the usefulness of quantum objects with respect to specified tasks. In this talk I will present the main ideas, showing that such a framework is quite general, and seemingly different phenomena can be all described within it. I will also chart some promising directions for future developments in this area of quantum information.

Keyword-1

quantum

Keyword-2

technology

Keyword-3

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