Monday, 27 May 2024

BE AWARE - ROOM CHANGE Lecture Hall O25/H2, at 16:15
Coffee and cookies will be served in front of the lecture hall from 16:00

Counterfactual Communication: Optical Communication without Photons

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It has long been assumed in physics that for information to travel between two parties in empty space, physical particles have to travel between them. Here, using the “chained” quantum Zeno effect, I discuss how information can be transferred between the two parties without any physical particles traveling between them.