Teaching Quantum Mechanics with qCraft: qCraft in Action

AIDAN CHATWIN-DAVIES, ALEKSANDER KUBICA, SPYRIDON MICHALAKIS, California Institute of Technology — In this second talk, we delve further into qCraft, which is an extension, or “mod,” of the popular video game Minecraft. We explain how quantum-mechanical phenomena—such as superposition, observer-dependency, and entanglement—are implemented in qCraft. We finish with a short demo and share our experiences with its use in primary school and high school classrooms.