



VIDEO Colloquium: From Quantum Mechanics to Spacetime.

Tuesday, 26 January, 2021

Webcast 16:45 h

Sean Carroll (Caltech)

Nine decades in, the foundations of quantum mechanics remain mysterious. Meanwhile, modern physicists puzzle over how to reconcile quantum mechanics with gravity. I will suggest that these problems are related, and that a promising strategy suggests itself: rather than „quantizing gravity“, we should look for gravity within quantum mechanics. This approach has interesting consequences for how we think about the nature of space and time.

Zoom connection details:

Meeting ID: 996 1652 8733
Meeting Password: 733220

