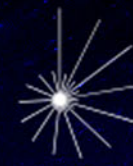




CENTER FOR SPACE,
TIME,
AND THE QUANTUM

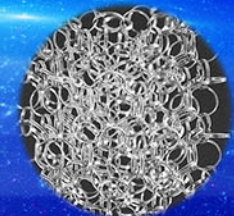
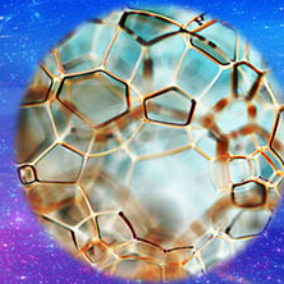
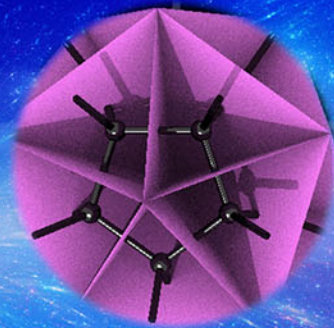


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The Quantum Information Structure
of Spacetime project, qiss.fr

QICI Distinguished Lecture

What is time?



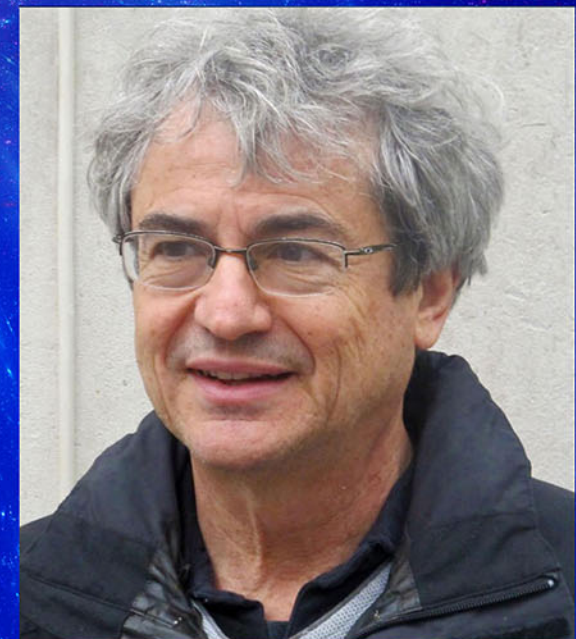
Date: January 14, 2020 (Tuesday)

**Time: 4:45-5:45pm, reception begins at 4:00pm,
talk followed by book signing session**

**Venue: Lecture Theatre A, Ground Floor,
Chow Yei Ching Building,
The University of Hong Kong**

To Register:

[Registration link](#)



Abstract

'Time' is something very familiar to all of us. But the physics of the XX century brought the discovery that time works quite differently from what we usually think. In this talk, I will review what we have learned about the nature of time, but also the open mysteries surrounding this notion. These mysteries are connected with many open questions about the universe, like the fate of black holes, the nature of heat, the reason past is different from future, and the nature of our consciousness.

About the Speaker

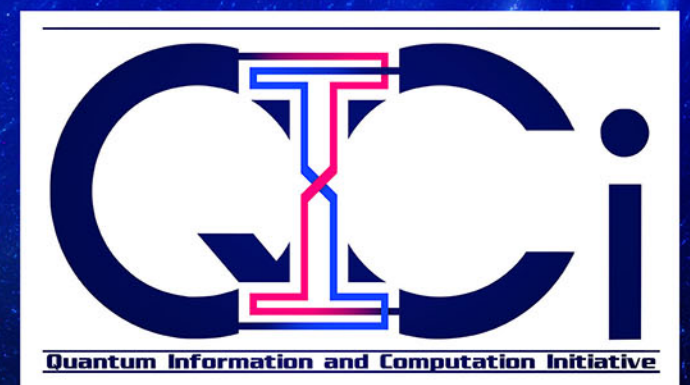
Carlo Rovelli is a prominent theoretical physicist and writer. He is a founder of the theory of Loop Quantum Gravity, one of the leading proposals for the quantization of spacetime. His research is regularly featured in international outlets such as the New York Times and the Financial Times. He is also known for his passion for sharing science with the general public, and for his contributions to the history and philosophy of science. He writes guest columns on several newspapers, including leading Italian outlets such as Corriere della Sera, Il Sole 24 Ore, and La Repubblica. He is also author of several successful popular science books. His book "Seven Brief Lessons on Physics" has been translated into 41 languages and has sold over a million copies worldwide. In 2019 he was included by Foreign Policy magazine in a list of the 100 most influential global thinkers. The central theme of his research is the meaning of time, whether it exists objectively or whether it is an illusory, perspectival aspect of the universe.

Speaker:

Professor Carlo Rovelli

Professor of Exceptional Class,
University of Aix-Marseille,
and
Director of Quantum Gravity Laboratory,
CNRS Center for Theoretical Physics,
Marseille, France

<http://www.cpt.univ-mrs.fr/~rovelli/>



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