



# It from Qubit

Simons Collaboration on  
Quantum Fields, Gravity and Information

**Workshop**  
4-6 January 2018

**School**  
8-13 January 2018



Instituto  
Balseiro

Entanglement entropy and Quantum fields  
Holography and Entanglement Entropy  
Quantum Chaos  
Simulating gauge theories with tensor networks  
Tensor Networks and Quantum Error Corrections  
Black Holes and Quantum Information

## Scientific committee

Dorit Aharonov  
Vijay Balasubramanian  
Horacio Casini  
Aitor Lewkowycz  
Javier Magan  
Juan Maldacena  
Robert Myers

## Lecturers

Xi Dong  
Thomas Faulkner  
Juan Maldacena  
Brian Swingle  
Gerard 't Hooft  
Frank Verstraete  
Aron Wall

## Local Organizers

Raul Arias  
Horacio Casini  
Marina Huerta  
Javier Magan  
Diego Pontello  
Eduardo Teste  
Gonzalo Torroba

**School application deadline September 16th**

Information and applications: <http://fisica.cab.cnea.gov.ar/itfromqubit>



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