



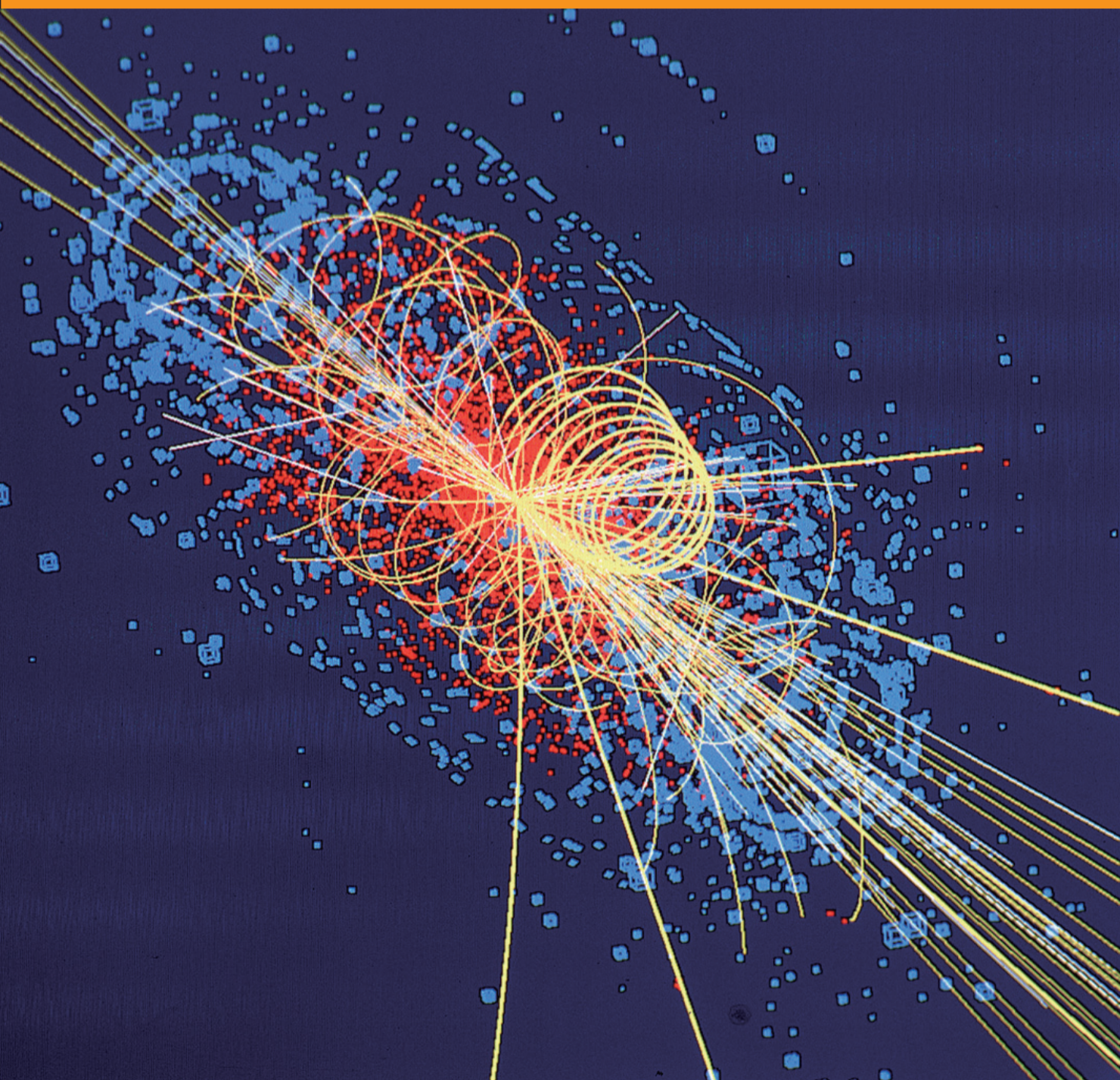
OIST

OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY GRADUATE UNIVERSITY  
沖縄科学技術大学院大学

OIST Colloquium

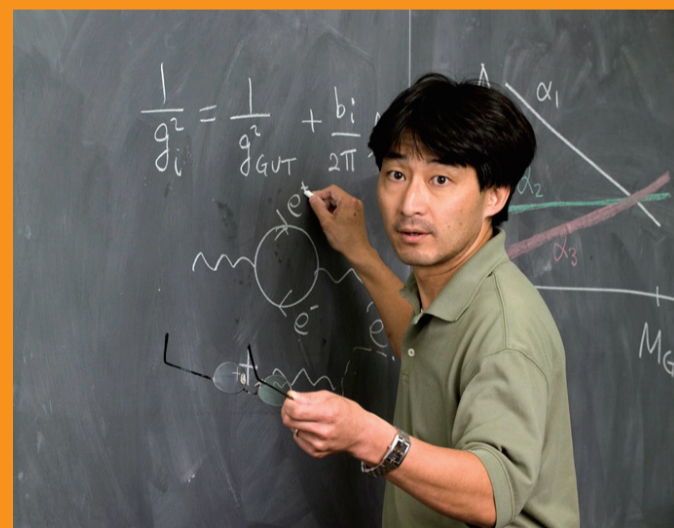
# THE QUANTUM UNIVERSE

Talk by Dr. Hiroshi Murayama



**Friday  
Nov. 1  
16:30 - 18:00  
B250 Seminar Room**

**There will be refreshments  
at 16:00 at the lobby**



**Dr. Hitoshi Murayama**

Director, Professor, UC Berkeley

Director & Project Professor, Kavli IPMU,  
University of Tokyo

Where do we come from? Science is making progress on this age-old question of humankind. The universe was once much smaller than the size of an atom. Small things mattered in the small universe, where quantum physics dominated the scene. To understand the way the universe is today, we have to solve the remaining major puzzles. The higgs boson that was discovered during the last year is holding our body together from evaporating in a nanosecond. But we still do not know what it is exactly. The mysterious dark matter is holding the galaxy together, and we would not have been born without it. But nobody has seen it directly. And what is the very beginning of the universe?