

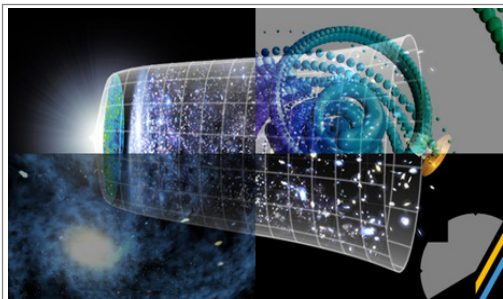
SEPTEMBER 23, 2014

Statement of Accomplishment

WITH DISTINCTION

MICHAEL HALL

HAS SUCCESSFULLY COMPLETED THE UNIVERSITY OF TOKYO'S ONLINE OFFERING OF



From the Big Bang to Dark Energy

This course covers various topics on the discoveries about how the Universe evolved in the 13.7 billion years since the Big Bang. This certificate is awarded in recognition of successful completion of the Basic Track or the Advanced Track (if with Distinction) of the course.

A handwritten signature in black ink, reading "Hitoshi Murayama".

HITOSHI MURAYAMA
DIRECTOR, KAVLI INSTITUTE FOR THE PHYSICS AND
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