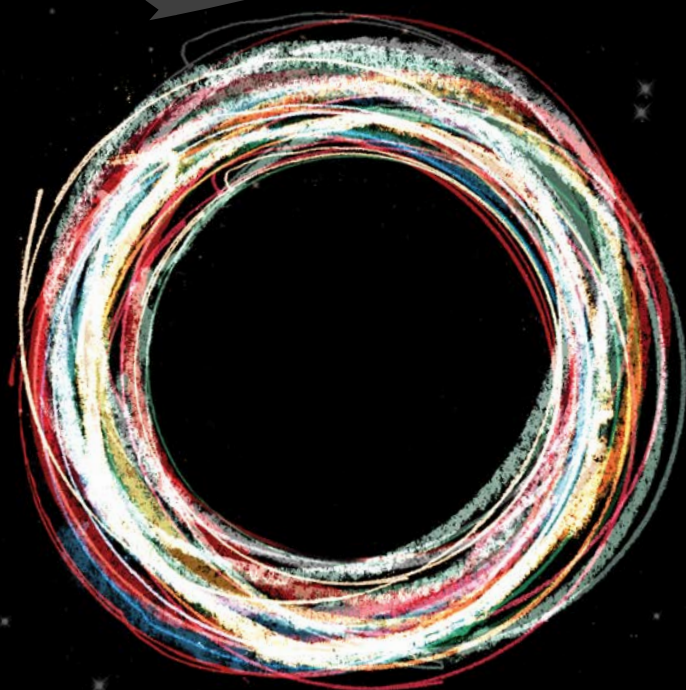


Kavli IPMU Film Screening and Science Cafe

in English

What Can A Particle Accelerator Discover?

credit: co films



Scientists in search of the Higgs boson

Documentary film
"Particle Fever"



PARTICLE FEVER

WITH ONE SWITCH, EVERYTHING CHANGES

ANTHOS MEDIA, LLC IN ASSOCIATION WITH PF PRODUCTIONS, LLC PRESENTS
A MARK A. LEVINSON AND DAVID E. KAPLAN FILM PARTICLE FEVER. EXECUTIVE PRODUCERS: THOMAS CAMPBELL JACKSON, GERRY OHNSTROM
PRODUCERS: ANDREA MILLER, CARLA SOLOMON. CINEMATOGRAPHY: CLAUDIA RASCHKE-ROBINSON. WOLFGANG HELD DESIGN AND ANIMATION. MK12
MUSIC: ROBERT MILLER. EDITOR: WALTER MURCH. PRODUCED BY DAVID E. KAPLAN. DIRECTOR AND PRODUCER: MARK A. LEVINSON

#particlefever

particlefever.com

/particlefever



Admission
is free
Pre-registra-
tion required

University of Chicago Professor, Kavli IPMU Principal Investigator, former Deputy Director of Fermilab

Young-Kee Kim

2017.7.15 (Sat)

13:30-15:10
15:20-16:00
16:00-16:30

Film screening "Particle Fever"
Talk by Young-Kee Kim
Q&A with Tea
* This event will be in English, there will be no Japanese interpretation.

Date 13:30 - 16:30, 15 July (Sat), 2017
Venue Fujiwara Hall, 3F Kavli Institute for the Physics and Mathematics of the Universe, Kashiwa Campus, The University of Tokyo
Host Kavli Institute for the Physics and Mathematics of the Universe, The University of Tokyo
Age group For junior high school students and above
Admission Free
Seats 40
Registration Registration form (Deadline July 5 (Wed)) http
Note Should the number of registrations exceed the seat number, participants will be selected via a lottery. A confirmation note of participation will be sent out on July 7 (Fri)
Contact us 04-7136-5981
Email koukai-kouza@ipmu.jp

What Can A Particle Accelerator Discover?

13:30 - 16:30, 15 July (Sat) (doors open 13:00)

Program

- 13:30-15:10** Film screening "Particle Fever"
- 15:10-15:20** Break
- 15:20-16:00** Talk* by Young-Kee Kim
- 16:00-16:30** Tea time* with the speaker

*Will be in English

About the speaker



Young-Kee Kim

University of Chicago Professor, Kavli IPMU Principal Investigator, former Deputy Director of Fermilab

Born in South Korea, Kim moved to the United States after receiving her Master's degree in Physics from Korea University. After receiving a PhD in Physics from the University of Rochester, Kim held academic positions at the University of California, Berkeley, before moving to the University of Chicago in 2003 where she is currently the Louis Block Distinguished Service Professor in Physics. From 2004 and 2006 she was the co-spokesperson for the CDF (Collider Detector at Fermilab) Collaboration, and from 2006 to 2013 she was the Deputy Director of Fermilab. Kim became a Kavli IPMU Principal Investigator in 2017. Her research field is particle physics.

Film : Particle Fever

Particle Fever (2013), USA. Directed by Mark Levinson. Japanese subtitles by Yasunori Nomura (Kavli IPMU, The University of Tokyo) and JVC

For decades, researchers at the Kavli IPMU and around the world had been anticipating the completion of the Large Hadron Collider at CERN. Particle Fever follows the daily lives of six theoretical and experimental researchers over a span of five years before the particle accelerator was operational, to the confirmed discovery of the Higgs boson by the ATLAS and CMS experiments. The film received positive reviews worldwide, especially for the way it made theoretical science concepts accessible to a general audience. Not only does the film break down the science and meaning behind particle accelerators using animation, it exposes the effect such science experiments have on six individuals. A key message scientists make in the film is that while such large scale experiments may not have an immediate effect on the daily lives of the average citizen, fundamental science plays a significant role in enriching humanity as a form of art. The film draws the audience into the search for the Higgs boson, and invites them to celebrate with scientists in its ultimate discovery.

Venue

Piazza Fujiwara (3F) Kavli IPMU University of Tokyo, Kashiwa Campus

Address: 5-1-5 Kashiwanoha, Kashiwa, Chiba

8 min by bus from Kashiwanoha-campus station (Tsukuba Express line)
30 min by bus from Kashiwa station west gate (JR Joban line, Tobu Urban Park line)

