

THE CHINESE UNIVERSITY OF HONG KONG
CUHK POSTGRADUATE PHYSICS
SEMINAR

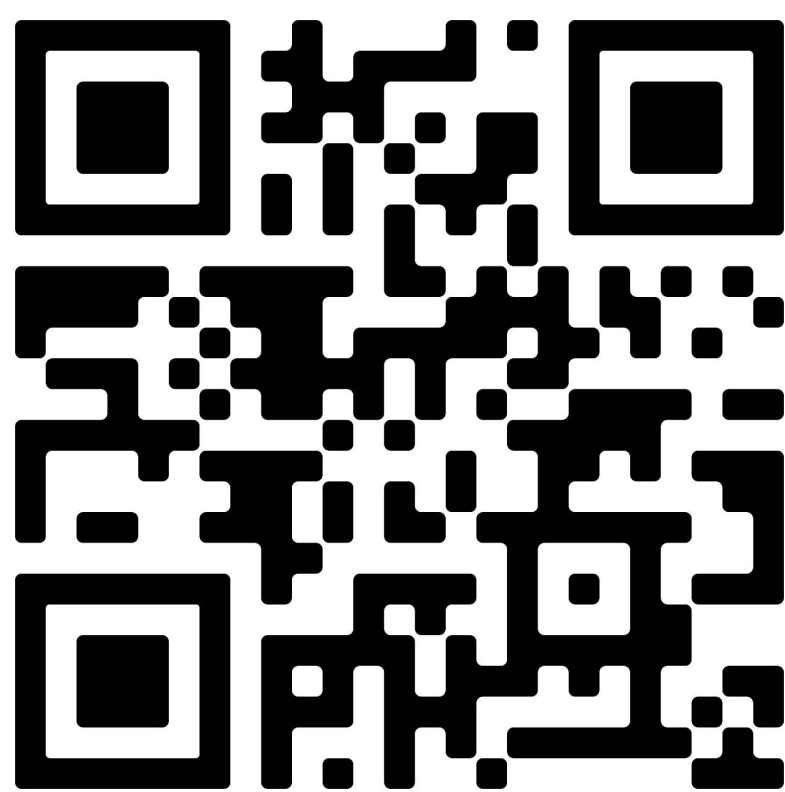
WHAT ARE GRAVITATIONAL WAVES?

by Prof. Otto A. Hannuksela

A few years ago, gravitational waves opened a new window into the Universe. However, what are gravitational waves, how are they produced, and what can we learn from them?

I will briefly introduce gravitational waves and the production mechanism in the first-order approximation.

With this approximation, we study how we can use gravitational waves to extract physics from some of the most extreme laboratories in the Universe -- with a colliding black hole being the prime example.



<https://cuhk.zoom.us/j/95169987429>

**9TH & 10TH OF FEBRUARY
4PM TO 5PM**

FOR MORE DETAILS, CONTACT JUNO CHAN
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