

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research  
Department of Mathematics*

# LECTURE SERIES ON COMPLEX GEOMETRY

## Lecture 1 :

Colloquium: Special Role of Canonical Bundles  
of Complex Manifolds

June 25, 2019 (Tuesday) 4:00 – 5:00pm

## Lecture 2 :

Workshop on Complex Geometry: Vanishing Orders of Jacobian  
Determinants and Metrics from Sections of Line Bundles

July 10, 2019 (Wednesday) 10:00 – 11:00pm

## Lecture 3 :

Application of Nevanlinna Theory to Abundance Conjecture

July 17, 2019 (Wednesday) 2:30 – 4:00pm

**Room 210, Run Run Shaw Bldg., HKU**

*All are welcome*

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# LECTURE SERIES ON COMPLEX GEOMETRY

## Application of Nevanlinna Theory to Abundance Conjecture

**Professor Yum-Tong Siu**

William Elwood Byerly Professor, Harvard U.

### **Abstract**

This is a follow-up lecture to continue the discussion on the analytic approach to the abundance conjecture. Will discuss the application of Nevanlinna theory and the technique of Gelfond-Schneider-Lang-Bombieri to the problem.

Date: July 17, 2019 (Wednesday)

Time: 2:30 - 4:00pm

Venue: Room 210, Run Run Shaw Bldg., HKU

*All are welcome*