THE UNIVERSITY   **OF HONG KONG**

Institute of Mathematical Research
Department of Mathematics

Geometry Seminar

The dynamical Andre-Oort Conjecture

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Abstract

In the recent years, ideas from arithmetic and algebraic geometry played an important role in the study of complex dynamics. Postcritical finite maps are important (special) points in the moduli space of rational functions. To study the distribution of postcritical finite maps in the moduli space, Baker and DeMarco introduced the dynamical Andre-Oort Conjecture. In this talk, I will introduce the dynamical Andre-Oort Conjecture and some related questions and results.

Date:	June 17, 2014 (Tuesday)
Time:	3:00 – 4:00pm
Place:	Room 210, Run Run Shaw Bldg., HKU

All are welcome