TOPICS ON NEVANLINNA THEORY AND COMPLEX HYPERBOLICITIES

In the past years, there have been many important progresses and several major breakthroughs in the study of complex geometry and algebraic geometry. The purpose of these activities is to gather experts in the fields of several complex variables and algebraic/complex geometry, to report and exchange the recent exciting discoveries and techniques, to provide a platform of communication, to explore the further collaboration on the diverse areas related to this subject, to further expound on new ideas and to introduce the rapid developments in this area to a new generation of mathematicians. The conference will focus on the specific topics of Nevanlinna theory and complex hyperbolicity.

1. Mini-courses for graduate students in the topic of Nevanlinna theory, as well as the topic of complex hyperbolicities (July 14-24).

Lecture 1   Speaker: Ya Deng (Chalmers /Gothenburg)
Title: Algebraic differential equations and hyperbolicity of complex manifold

Lecture 2   Speaker: Junjiro Noguchi (Tokyo)
Title: Introductory lectures of the Oka Theory

Lecture 3   Speaker: Min Ru (Houston)
Title: Introduction to the Nevanlinna Theory

Lecture 4   Speaker: Nessim Sibony (Orsay/KIAS)
Title: Nevanlinna's theory, a dynamical point of view

Lecture 5   Speaker: William Cherry (North Texas)
Title: The potential theoretic method of Eremenko and Sodin

2. Conference on "Recent advances on Nevanlinna theory, complex hyperbolicities and related topics"(July 25-27, a preconference will be held on July 24).

Speakers:

Kenneth Ascher (Princeton)

Shiferaw Berhanu (Temple)

William Cherry (North Texas)

Ya Deng (Chalmers /Gothenburg)

Gordon Heier (Houston)

Steven Lu (Québec à Montréa)

Ngaiming Mok (Hong-Kong)

Tuen Wai Ng (Hong-Kong)

Junjiro Noguchi (Tokyo)

Erwan Rousseau (Aix-Marseille)

Nessim Sibony (Orsay/KIAS)

Yum-Tong Siu (Harvard)

Shengli Tan (East China Normal)

Amos Turchet (Washington)

Julie Wang (Academia Sinica)

Songyan Xie (Chinese Academy of Sciences)

Sai-Kee Yeung (Purdue)

Jianhua Zheng (Tsinghua)

Tuen-Wai Ng (Hong-Kong)

Organizers

Boyong Chen (Fudan)

Xiaojun Hunag (Rutgers)

Qingchun Ji (Fudan)

Min Ru (Houston)

Weixiao Shen (SCMS/Fudan)

Xiangyu Zhou (Chinese Academy of Sciences)