**Call for Proposals for Academic Programs in**

**Hua Loo-Keng Center for Mathematics Science**

Hua Loo-Keng Center for Mathematical Sciences of Academy of Mathematics and Systems Science Chinese Academy of Sciences is funded by a Basic Science Research Center grant of NSFC. The center will fund three types of academic programs in 2018: Academic Year (for three months), Academic Seminar (for one month), Academic Conference (for one week). All the academic programs should focus on the following aspects: algebraic geometry and arithmetic algebraic geometry, algebraic representation theory, complex geometry, complex dynamical system, fluid dynamics equations, stochastic analysis, sparse optimization, system control theory, computer mathematics and cryptography.

An academic year generally includes about 3 interrelated academic seminars and 1 summary academic conference. To apply for an academic year, please provide: importance of scientific theme, possible outcomes, organizing committee (composed of 3-7 people and a chair), time schedule, list of persons to be invited and their affiliations. The program is encouraged to invite outstanding young mathematicians.

An academic seminar lasts for about 1 month. Generally, several core persons of the program will be invited to visit the center to work on a selected problem or topic, and series reports or short courses will be given, and a summary conference will be held at the last week. To apply for an academic seminar, please provide: importance of problem or topic to be worked on, possible outcomes, organizing committee (composed of 3-5 people and a chair), time schedule, list of persons to be invited and their affiliations. The program is encouraged to invite outstanding young mathematicians.

An academic conference lasts for 1 week. To apply for an academic conference, please provides: importance of theme and reason to organize the conference, organizing committee (composed of 2 people and a chair), schedule, list of persons to be invited and their affiliations.

Applications should be received before July 31, 2017. To apply or ask for details of the program, please send your application or question by email to: msc@amss.ac.cn.