

# Report on the 4th Asian Mathematical Conference (AMC2005)

The Asian Mathematical Conference series (AMC) was initiated by the South East Asian Mathematical Society (SEAMS) as a platform to showcase talents from Asian countries and to encourage academic exchange within the region. The first of these five-yearly conferences was hosted by Hong Kong in 1990. Subsequent conferences took place in Thailand (1995) and Philippines (2000).

As the only Mathematical Society for mathematics researchers in Singapore, one of the main objectives of Singapore Mathematical Society is to promote research in Mathematics among researchers in Singapore and Asia. Thus, in 2000, Singapore Mathematical Society decided to take up the challenge to host AMC in Singapore. The AMC2005 was held in conjunction with the centennial celebrations at NUS and is jointly organized by:

**AMC 2005**  
ASIAN MATHEMATICAL CONFERENCE

**Department of Mathematics, NUS**  
**Department of Statistics and Applied Probability, NUS**  
**Institute for Mathematical Sciences, NUS**  
**Singapore Mathematical Society (SMS)**  
**South East Asian Mathematical Society (SEAMS)**

AMC2005 was held on the campus of the National University of Singapore from 20 to 23 July. During the conference, 8 plenary lectures, over 60 invited talks and more than 100 contributed talks in as many as 16 areas of mathematical sciences were delivered. There were close to 400 participants from more than 20 countries at this conference.

A 2-day pre-conference workshop on four selected topics (Combinatorial Methods in Genomics, Numerical Methods in Finance, Coding Theory and Applications, Wavelets and Applications) was also organized on 18 and 19 July. About 80 participants attended the workshop.

Many participants, especially those from the less developed countries, attended the conference for the first time, because of generous support from the conference's sponsors. Participants from most ASEAN member countries were also granted registration fee waiver to encourage attendance. Notably, these measures helped to attract many graduate students who came together with their lecturers. It not only was an eye-opener for them, but was also provided an excellent opportunity to establish contact with prominent figures in the academia.

(September 2005)



20 ~ 23 JULY, NATIONAL UNIVERSITY OF SINGAPORE

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**Some feedback on AMC2005:**

"I would like to once again congratulate you on an outstanding job in organizing AMC2005. I can't recall ever going to a better conference in terms of its organization as well as for its enriching scientific program. AMC2005 was a huge success! You really stood tall. I was so impressed that I was moved to share a few words about AMC2005 in my e-mail to my peers here at the department."

"May I congratulate you and your staff on the superb organisation of the recently concluded AMC. It was indeed an impressive gathering of scholars from all over the world. I have only words of praise for your efficient and systematic arrangements of programs in the conference."

"I would just like to express my sincerest thanks for the wonderful time that I spent in Singapore during the AMC2005. I would like to congratulate you for a most excellent job of organizing the conference. Please extend my thanks and congratulations to the rest of your team."

"Every time I visit Singapore, I feel so happy and pleasant by very warm hearted hospitality, mathematics, and tropical weather. This time, again, I have had a very nice time in Singapore, and would like to thank you very much for your hospitality and for giving me an opportunity to attend AMC2005."