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# Mathematics People

## Awards Presented at 2007 ICCM

At each International Congress of Chinese Mathematicians (ICCM), the winners of several prestigious awards are announced during the opening ceremony. These awards include the Morningside Medal of Mathematics, the Chern Prize in Mathematics, and the ICCM International Cooperation Award. The Fourth ICCM was held in Hangzhou, China, December 17–22, 2007. At ICCM 2007, two new prizes were introduced: the New World Mathematics Awards and the S. T. Yau Mathematics Awards.

The Morningside Medal of Mathematics is awarded to exceptional mathematicians of Chinese descent under the age of forty-five for their seminal achievements in mathematics and applied mathematics. The winners of the Morningside Medal of Mathematics are traditionally announced at the ICCM. The inaugural medals were presented in 1998. Each Morningside Medalist receives a certificate and medal, as well as a cash award of US\$25,000 for a gold medal or US\$10,000 for a silver medal.

The 2007 Morningside Gold Medal of Mathematics is awarded to JIANQING FAN, Princeton University, and XUJIA WANG, Australian National University. The 2007 Morningside Silver Medal of Mathematics is awarded to CHIU-CHU LIU, Northwestern University and Columbia University; LIZHEN JI, University of Michigan and Zhejiang University; SHI JIN, University of Wisconsin at Madison; CHIUN-CHUAN CHEN, Taiwan University; and YE TIAN, Morningside Center of Mathematics at the Chinese Academy of Sciences.

The Chern Prize in Mathematics was established in 2001 in honor of Shing-Shen Chern, one of the greatest geometers and Chinese mathematicians of the twentieth century. The Chern Prize is presented every three years at the ICCM to mathematicians of Chinese descent who have made exceptional contributions to mathematical research or to public service activities in support of mathematics. The 2007 Chern Prize is awarded to SHIU-YUEN CHENG,

Hong Kong University of Science and Technology, and MU-TAO WANG, Columbia University.

The ICCM International Cooperation Award is presented to an individual who has promoted the development of mathematics in China, Hong Kong, and Taiwan through collaboration, teaching, and support of Chinese mathematicians. The inaugural award was presented in 2004. The 2007 ICCM International Cooperation Award is awarded to STANLEY OSHER, University of California at Los Angeles.

Supported by the New World Development Company Ltd., the New World Mathematics Awards recognize outstanding doctoral, master's, and undergraduate theses written by mathematicians of Chinese descent who have graduated from universities and institutes in the past three years. The purpose is to provide encouragement to talented Chinese mathematicians and to promote creativity and innovation in mathematics. Six Ph.D. Thesis Awards, five Master Thesis Awards, and ten Bachelor Thesis Awards were presented at the 2007 ICCM.

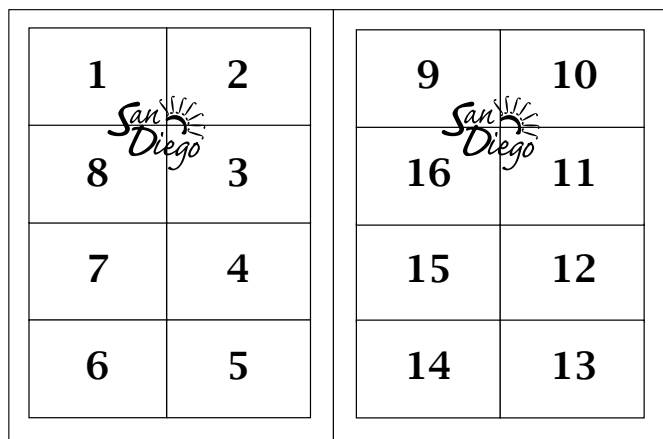
Coorganized by the International Congress of Chinese Mathematicians and the Taikang Life Insurance Company Ltd., the S. T. Yau Mathematics Awards recognize excellence in mathematics research projects among high school students of Chinese descent throughout the world. The goal is to identify gifted mathematicians at a young age and foster their interest in this field of study. A press briefing marking the establishment of the awards was held in December 2007. The first awards will be presented in October 2008 in Beijing.

—From an ICCM announcement

## Deloro and Moczydlowski Awarded ASL Sacks Prize

ADRIEN DELORO of Rutgers University and WOJCIECH MOCZYDLOWSKI of Cornell University have been awarded the 2007 Sacks Prizes of the Association for Symbolic Logic

# 2008 San Diego Joint Mathematics Meetings Photo Key



Page 476 (left), clockwise from Number 1. Page 477 (right), clockwise from Number 9:

1. Welcome!
2. David Eisenbud (right) presenting the 2008 Eisenbud Prize to Cumrun Vafa.
3. 3-D sculptures in the mathematical art exhibit.
4. In the Networking Center.
5. Message Board area in the San Diego Convention Center.
6. AMS Colloquium speaker Wendelin Werner.
7. Entrance to the Employment Center.
8. AMS-MAA Joint Invited Address speaker Terence Tao.
9. Opening ceremony ribbon cutting for the JMM Exhibits area (left to right: AMS executive director John Ewing, MAA president Joseph Gallian, AMS president James Glimm, MAA associate secretary James Tattersall, AMS associate secretary Michel Lapidus).
10. MAA Invited Address speaker Karen Parshall.
11. San Diego Convention Center.
12. Who Wants to Be a Mathematician game host Mike Breen and San Diego game winners Hansen Han (left) and Ben Wendel (right).
13. AMS Membership Booth.
14. Avi Wigderson (left) receives Conant Prize from AMS president James Glimm.
15. AMS Booth in the Exhibits area.
16. Morgan Prize winner Nathan Kaplan.

(ASL). The prize is awarded to the most outstanding doctoral dissertation or dissertations in mathematical logic.

Deloro received his Ph.D. in 2007 from the Université Paris 7. The prize citation notes that his thesis “deals with the Cherlin-Zilber conjecture, according to which every simple group of finite Morley rank is isomorphic to an algebraic group over an algebraically closed field. In particular, the thesis removes the assumption that there are no bad fields from the classification of minimal counterexamples.” Moczydlowski received his Ph.D. in 2007 from Cornell University. According to the prize citation, his thesis “contains groundbreaking results on constructive set theory and its relation to type theory” and proves weak normalization for the intuitionistic Zermelo-Fraenkel set theory with replacement rather than collection.

The Sacks Prize was established in honor of Gerald Sacks for his unique contribution to mathematical logic. It consists of a cash award and five years’ free membership in the ASL.

—From an ASL announcement

## AWM Essay Contest Winners Announced

The Association for Women in Mathematics (AWM) has announced the winners of its 2007 essay contest, “Biographies of Contemporary Women in Mathematics”.

The grand prize was awarded to LEENA SHAH, Hartland Middle School at Ore Creek, Brighton, Michigan, for her essay “The Creation of a Female Mathematician: Ms. Melanie Wood”. Shah’s essay won first place in the Grade 6–8 category. As the grand prize winner, this essay will be published in the *AWM Newsletter*.

In the College category, first place went to SARAH BUDRUS, Hollins University, Huntington, West Virginia, for “Dr. Marjorie Senechal: What do Silk, Crystals, Culture, and History Have in Common?” In the Grades 9–12 category, first place went to ELIZABETH FAIELLA, homeschooled in Northwood, New Hampshire, for “Dr. Rita Hibscheiler: Exploring the Pure Beauty of Mathematics”, while the honorable mention went to HALEY KOSSEK, Elk Rapids High School, Williamsburg, Michigan, for “Mrs. Ann Weber: Hard Work Pays Off”. An honorable mention in the Grade 6–8 category went to HELEN A. RAWLINS, Brier Terrace Middle School, Bothell, Washington, for “Dr. Eve Riskin: Engineer, Professor, Role Model”.

—From an AWM announcement

## Correction

Because of incorrect information supplied to the *Notices*, the list of Doctoral Degrees Conferred that appeared in the February 2008 issue contained a misspelling of the name of John Kittrell, who received a doctorate from the University of California, Los Angeles.

—Allyn Jackson