



ATENEIO

Workshop on Modern Trends in Mathematical Crystallography (MathCryst Manila 2017)

20 – 24 May 2017

Ateneo de Manila University, Quezon City, Philippines

First Announcement

During the past years, the area of mathematical crystallography has enlarged beyond the study of the fundamental properties of symmetry and periodicity of crystals. This workshop will introduce the participants to current topics and new directions in mathematical crystallography and its applications. New trends on the group- and graph-theoretic as well as topological aspects of mathematical crystallography will be discussed. Topics on discrete models of crystals, from periodic to aperiodic, and highly ordered structures will also be presented. These include the study of domain structures, mathematical crystallography tools for practical crystallography, applications of graph theory to crystal structure analysis, substitution tilings, tilings and their dynamical properties, coincident site lattices, polyhedra, nets and complexes, and cluster models of aperiodic structures.

This workshop targets young scientists (graduate and post-doctoral students) and researchers in mathematics, materials science, structural chemistry, and other related fields. Among its expected outcomes are exposure to research opportunities in mathematical crystallography, a heightened awareness of scientists in the Philippines and the Asia-Pacific region on the relevance of mathematical crystallography in their respective researches, and collaborations between researchers in mathematical crystallography and experimentalists.

Venue

The workshop will be held at the Science Education Complex Buildings A and B (SEC A and B), Ateneo de Manila University, Katipunan Avenue, Loyola Heights, Quezon City 1108, Philippines.

Invited Speakers

Shigeki Akiyama	Tsukuba University, Japan
Mois Aroyo	University of the Basque Country, Spain
Dirk Frettlöh	Bielefeld University, Germany
Jean-Guillaume Eon	Federal University of Rio de Janeiro, Brazil
Stephen Hyde	Australian National University, Australia
Massimo Nespolo	University of Lorraine, France
Egon Schulte	Northeastern University, USA
Marjorie Senechal	Smith College, USA
Peter Zeiner	Bielefeld University, Germany

*The official language of the workshop is English.

International Program Committee

Mois Aroyo	University of the Basque Country, Spain
Ma. Louise Antonette N. De Las Peñas	Ateneo de Manila University, Philippines
Massimo Nespolo	University of Lorraine, France
Marjorie Senechal	Smith College, USA

Local Organizing Committee

Ma. Louise Antonette N. De Las Peñas (Chair)	Ateneo de Manila University, Philippines
Agnes D. Garciano	Ateneo de Manila University, Philippines
Mark L. Loyola	Ateneo de Manila University, Philippines
Eden Delight P. Miro	Ateneo de Manila University, Philippines
Maria Veronica P. Quilinguin	University of Asia and the Pacific, Philippines

Registration and Fees

Please note that the number of participants in the workshop is limited to 65 participants. Registration will be considered on a *first-come, first-served* basis and will be considered complete once the corresponding payment is received. To register, one must accomplish the online form accessible through the following link:

<https://goo.gl/forms/B8vmXs6K4PNngS443>

The registration fee below will pay for the workshop materials, AM & PM snacks, and lunch.

Early Registration Fee (until March 15, 2017) : USD 100 or PHP 4500

Regular Registration Fee (starting March 16, 2017) : USD 120 or PHP 5000

Payments in **US Dollars** must be made via bank transfer to the following account:

Account Name : Ateneo de Manila University
Address : Katipunan Road, Loyola Heights, Quezon City
Bank Name : Bank of the Philippine Islands
Bank Address : Katipunan Ave., corner J. Escaler Streets,
Loyola Heights, Quezon City
Bank Account No. : 3084-0002-04
SWIFT Code : BOIPHMM

Payments in **Philippines Pesos** (the local currency) must be made through Metrobank's bill payment facility. Kindly go to any Metrobank branch, obtain a copy of Metrobank's payment slip (see image below), and accomplish the following details:

Company Name : Ateneo de Manila University
Subscriber Name : *Write your name here.*
Reference No. : None
Subscriber No. : 226
Mode of Payment : *Write cash, check, or debit account.*
Amount of Payment : *Write 4500.00 or 5000.00.*

Present the payment slip to the teller together with the cash or check. The teller will then validate the slip and give you a validated copy. The validated payment slip will serve as proof of payment.

Poster Presentation

Participants are welcome to submit abstracts for poster presentation. A copy of the abstract (pdf file) should be sent by email to mathcrystmanila2017@gmail.com with subject line RE: Poster Presentation, or by fax to (632) 426-6125 with attention line ATTN: Dr. Agnes Garciano. Abstracts should be informative for proper evaluation by the committee.

Important Dates and Deadlines

Early Registration Deadline	: March 15, 2017
Start of Regular Registration Period	: March 16, 2017
Financial Support Application Period	: January 4 – February 6, 2017
Notification of Financial Support Recipients	: February 28, 2017
Poster Abstract Submission Deadline	: January 16, 2017
Notification of Acceptance of Poster Abstract	: February 17, 2017
Workshop Period	: May 20 – 24, 2017