



Republic of the Philippines  
OFFICE OF THE PRESIDENT  
**COMMISSION ON HIGHER EDUCATION**



**MEMORANDUM FROM THE OFFICE OF THE CHAIRPERSON**

**TO :** CHED CENTRAL AND REGIONAL OFFICE DIRECTORS/  
OFFICERS-IN-CHARGE  
PRESIDENTS/HEADS OF HIGHER EDUCATION  
INSTITUTIONS

**SUBJECT :** CALL FOR PARTICIPANTS TO THE INTERNATIONAL  
ALGEBRA CONFERENCE IN THE PHILIPPINES (IACP 2023)  
ON 07-11 AUGUST 2023

**DATE :** 22 MAY 2023

The Commission on Higher Education hereby informs interested parties of the call for participants to the **International Algebra Conference in the Philippines 2023 (IACP) on 07-11 August 2023**. This conference is organized by the Mindanao State University - Iligan Institute of Technology in partnership with the University of San Carlos and the MSP Regions X, XII, and BARMM. The conference will be held at Mactan Island, Cebu

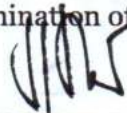
The objectives of the IACP 2023 are the following;

1. To increase visibility of Algebra Research in the Philippines through interactions among participants with the international experts;
2. To forge international collaborations between Philippine Universities;
3. To give young researchers and graduate students the opportunity to share their research/outputs to international experts; and
4. To bring international experts in the field of Algebra and Representation Theory to the Philippines that could help Philippine Universities in the implementation of their PhD, MS, BS and BSE Mathematics curricula especially in the thesis/dissertation works.

The conference registration fee of Php 8,000.00 shall be collected for all participants who will register and pay on or before 30 June 2023, while Php 9,000.00 shall be collected for those who will register from 1-31 July 2023. Every registered participant shall be entitled to one lunch and two snacks for five days, certificate, and conference kit which include the conference souvenir program.

Detailed information on the programme and registration procedures is attached to this Memorandum. For inquiries, please contact/email at <iacp@g.msuit.edu.ph>.

Dissemination of this Memorandum is highly encouraged.

  
**J. PROSPERO E. DE VERA III, DPA**  
Chairperson

# 2023 IAOP

International Algebra  
Conference in the  
Philippines

## SCIENTIFIC PROGRAM August 7-11, 2023

Day One: August 7, 2023

7:30-8:30	Registration
8:30-9:30	Opening Ceremonies
9:30-9:45	Conference Photo Session
9:45-10:00	COFFEE BREAK
10:00-11:00	Plenary Talk 1: Olivier Matthieu University de Lyon, France
11:00-12:00	Plenary Talk 2: Joan Carles Lario Universitat Politecnica de Catalunya, Barcelona
12:00-1:00	LUNCH
1:00-3:00	Parallel Sessions 1 and 2
3:00-3:15	COFFEE BREAK
3:15-5:00	Poster Session 1

Day Two: August 8, 2023  
Young Researchers Day

8:00-9:00	Registration
9:00-10:00	Plenary Talk 3: Jethro Van Ekeren Rio de Janeiro, Brazil
10:00-10:15	COFFEE BREAK
10:15-11:15	Plenary Talk 4: Alfilgen N. Sebandal MSU-Iligan Institute of Technology
11:15-12:15	Plenary Talk 5: Libor Krizka Charles University, Prague, Czeck Republic
12:15-1:15	LUNCH
1:15-2:45	Math and Career Open Dialogue
2:45-3:00	COFFEE BREAK
3:00-5:00	Group Discussion and Collaborative Meeting



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Day Three: August 9, 2023

8:00-9:00	Registration
9:00-10:00	Plenary Talk 6: Roozbeh Hazrat Western Sydney University, Australia
10:00-10:15	COFFEE BREAK
10:15-11:15	Plenary Talk 7: Lisa Clark Victoria University of Wellington, New Zealand
11:15-12:15	Plenary Talk 8: Ramla Abdellatif University of Picardie Jules Verne, France
12:15-1:15	LUNCH
1:15-3:15	Parallel Session 3 and 4
3:15-3:30	COFFEE BREAK
3:30-5:00	Poster Session 2
6:00-9:00	CONFERENCE BANQUET

Day Four: August 10, 2023

8:00-9:00	Registration
9:00-10:00	Plenary Talk 9: Wolfgang Bock RPTU Kaiserslautern-Landau, Germany
10:00-10:15	COFFEE BREAK
10:15-11:15	Plenary Talk 10: Job Nable Ateneo de Manila University, Philippines
11:15-12:15	Plenary Talk 11: Hiroshi Yamauchi Tokyo Woman's Christian University, Japan
12:15-1:15	LUNCH
1:15-2:15	Plenary Talk 12: Manuel Joseph Loquias University of the Philippines, Diliman, Quezon City
2:15-3:15	Plenary Talk 13: Daniel Nakano University of Georgia, USA
3:15-3:30	COFFEE BREAK
3:30-5:00	Parallel Session 5 and 6

Day Five: August 11, 2023

8:00-9:00	Registration
9:00-10:00	Plenary Talk 14: Vyacheslav Futorny SUS Tech University, Shenzhen, China
10:00-10:15	COFFEE BREAK
10:15-11:15	Plenary Talk 15: Tomyuki Arakawa University of Kyoto, Japan
11:15-12:15	Plenary Talk 16: Iryna Kashuba SUS Tech University, Shenzhen, China
12:15-1:15	LUNCH
1:15-2:15	Plenary Talk 17: Alistair Savage University of Ottawa, Canada
2:15-3:15	Plenary Talk 18: Dimitar Grantcharov University of Texas at Arlington
3:15-3:30	COFFEE BREAK
3:30-4:00	Closing Ceremonies



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# 2023 IAOP

## International Algebra Conference in the Philippines

Mactan, Cebu | August 7-11, 2023

### Conference Topics

include, but not limited to,

- Representation Theory
- Theory of Semigroups
- Monoids
- Groups, Rings, Fields and Modules
- Algebraic Structures and Hyperstructures
- Algebraic Geometry
- Algebraic Number Theory
- Algebraic Topology, K-Theory
- Lie Theory, Crystallography
- Matrix Analysis, Coding Theory
- Mathematical Physics and Integrable Systems
- Fuzzy Structures and Decision-Making Problems
- Universal Algebra and its Application in Computer Science Interactions of Algebras with Logic
- Automata and Combinatorics
- Applications of Algebras in Data Science and Machine Learning

### Plenary Speakers

#### Ramta Abdellatif

Professor, University of Picardie Jules Verne, France,  
Group Theory and Algebraic Number Theory

#### Tomoyuki Arakawa

Professor, University of Kyoto, Japan, Representation  
Theory

#### Wolfgang Bock

WZTU Kaiserslautern-Landau, Germany, Mathematical  
Physics

#### Lisa Clark

Professor, Victoria University of Wellington, New Zealand,  
C\*-algebras

#### Jethro van Ekeren

Professor, IMPA, Rio de Janeiro, Brazil, Integrable  
Systems

#### Dimitar Grantcharov

Professor, The University of Texas at Arlington,  
Representation Theory of Lie and Jordan Algebras

#### Vyacheslav Futorny

Professor, Department of Mathematics, SUSTech  
University, Shenzhen, China, Representation Theory

#### Roohbah Hazrat

Professor, Western Sydney University, Australia, K-  
Theory

#### Iryna Kashuba

Professor, Department of Mathematics, SUSTech  
University, Shenzhen, China, Jordan Algebras

#### Libor Krizka

Professor, Charles University, Prague, Czech  
Republic, Lie Theory

#### Joan Carles Lario

Professor, Universitat Politècnica de Catalunya,  
Barcelona Algebraic Geometry

#### Manuel J. Loquias

Professor, UP Diliman, Philippines, Mathematical  
Crystallography and Combinatorial Number Systems

#### Olivier Matthieu

Professor, Université de Lyon, France, Representation  
Theory

#### Job A. Nable

Professor, Ateneo de Manila University, Philippines,  
Phase Space Quantum Mechanics

#### Daniel Nakano

Professor, University of Georgia, USA,  
Representation Theory of Groups

#### Alistair Savage

Professor, University of Ottawa, Canada,  
Representation Theory

#### Aifigen N. Sebendal

Lecturer, MSU-IT, Philippines, Unraid Path Algebras

#### Hiroshi Yamauchi

Professor, Tokyo Women's Christian University,  
Japan, Vertex Algebras

### Important Dates

Call for Papers:  
March 6 - May 21, 2023

Notice of Acceptance:  
May 28, 2023

Registration Deadline:  
June 30, 2023

Registration Payment Deadline:  
July 31, 2023

Conference Date:  
August 7-11, 2023

### Contact Us

Prof. Dr. Jocelyn P. Vilela  
iacp@g.msufit.edu.ph

### Registration Fee

\*excluding bank charges

**Php 8,000.00**  
if you pay on or before  
June 30, 2023

**Php 9,000.00**  
if you pay from  
July 1-31, 2023

Philippine National Bank (Iligan City-Aguinaldo Branch)  
Account Number: 419610109187  
Account Name: MSP-Region 10, 12, ARMM

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# 2023 IAOP

## International Algebra Conference in the Philippines

Mactan, Cebu | August 7-11, 2023

### Plenary Speakers



**Ramia  
Abdellatif**  
Associate Professor, Faculty of Sciences,  
University of Algiers, Algeria



**Tomoyuki  
Arakawa**  
Associate Professor, Faculty of Science,  
Tokyo University of Science, Japan



**Wolfgang  
Bock**  
Associate Professor, Faculty of Science,  
University of Duisburg-Essen, Germany



**Lisa  
Clark**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Jethro  
van Ekeren**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Dimitar  
Grantcharov**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Vyacheslav  
Futorny**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Roozbeh  
Hazrat**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Iryna  
Kashuba**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Libor  
Krizka**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Joan Carles  
Lario**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Manuel J.  
Loquias**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Olivier  
Matthieu**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Job A.  
Nable**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Daniel  
Nakano**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Alistair  
Savage**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Altigin N.  
Sebandal**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA



**Hiroshi  
Yamauchi**  
Associate Professor, Faculty of Science,  
University of North Carolina, USA

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