

# Mathematics Day @ Hostos



## “Living Mathematics”

Come and share  
with us what  
Mathematics means  
to you!

Tuesday, April 5, 2016  
Cafeteria – C-Building  
10 am to 7 pm  
Faculty and Students Panels

The Mathematics Department in collaboration with: Office of Academic Affairs • Natural Sciences Department • General Education Committee • Center for Teaching and Learning • Ed. Tech. • Library • CSTEP • LSAMP

Sponsors: Office of Academic Affairs • Alumni Relations Office • CSTEP • CILES Grant • Engineering Club • Student Government Association



FOR ADDITIONAL INFORMATION CONTACT

Prof. Clara Nieto-Wire  
cnieto@hostos.cuny.edu





# PROGRAM

**Mathematics Day @ Hostos**  
Eugenio Maria de Hostos Community College  
Hostos Café – C Building – Tuesday, April 5, 2016

## ***Living Mathematics*** ***The Importance of Mathematics in our Lives***

**9:30 am – 10:30 am**    **Registration / Refreshments**

**10 am – 10:50 am**    **Opening ceremony**  
**Welcome**

Prof. Clara Nieto-Wire, Chairwoman/Coordinator of Mathematics Day, Mathematics

### **Opening remarks**

Dr. Christine Mangino, Interim Provost and Vice President for Academic Affairs

Dr. Felix Cardona, Assistant Dean of Academic Affairs

Prof. William Baker, Chair of Mathematics Department

Prof. Clara Nieto-Wire, Chairwoman/Coordinator of Mathematics Day

### **Awards Presentation**

Presenter: Prof. William Baker, Chair of Mathematics Department

Award Recipients:

Prof. Thomas Joyce – Lifetime Achievement Award

Prof. Daniel Maysonet – Distinguished Service Award

Prof. Loreto Porte – Distinguished Service Award

Prof. Terence Brenner – Distinguished Service Award

### **Presentation**

*“The Power of Proportional Reasoning”*

Prof. Anders (AJ) Stachelek, Mathematics

**11 am – 12:30 pm**    **Ignite Presentation**

*“How Bilingual Exposure Shapes the Neural Bases of Children’s Language Development”*

Prof. Mercè Pujol, Language and Cognition

### **Technical Presentation**

*“The Mathematics and Applications Behind Image Warping and Morphing”*

Prof. Tanvir Prince, Mathematics

Student, Sakhr Aldaylam

### **Panel Discussion**

*“Voices from the Faculty: Personal Story and Mathematics”*

Moderator: Dr. Felix Cardona, Assistant Dean of Academic Affairs

Panelists: Prof. Cynthia Jones, English

Prof. Karin Lundberg, Language and Cognition

Prof. Claude Fernandez, Business

Prof. Charles Drago, Allied Health

Prof. Moise Koffi, Mathematics

Prof. Olen Dias, Mathematics

### **Open Activities and Refreshments**

Origami – Prof. James Kennis, Mathematics

Games – Prof. Ramón Gómez, Mathematics

3D Printing/Robotics Display – Robotics Club  
Andy García, Student  
Angel Mercedes, Student  
Prof. Yoel Rodríguez, Faculty Advisor, Natural Sciences

12:30 – 2:00 pm

**Ignite Presentation**

“*Assessment of Clicker Technology in the Classroom*”  
Prof. Antonios Varelas, Behavioral and Social Sciences  
Student, Yasmin Lorenzo-Vidal  
Student, Sierra Lebron  
Student, Amanda Montanez

**Technical Presentation**

“*Investigation of the Elephant’s Metabolic Heat Loss*”  
Prof. Moise Koffi, Mathematics

**Quantitative Reasoning Presentation**

“*Ask Us Anything (Math Related)*”  
Ms. Devora Geller, QR Fellow  
Ms. Gowun Park, QR Fellow

**Panel Discussion**

“Voices from Our Students: *Personal Story and Mathematics*”  
Moderator: Dr. Claude Brathwaite, Project Administrator, NYC-Louis Stokes Alliance for  
Minority Participation (LSAMP)

Panelists: Akamziocha Dike, Psychiatry (student)  
Ebony Peguero, Mathematics (student)  
Feissal Traore, Electrical Engineering (student)  
Mariel Sánchez, Mechanical Engineering (student)  
Prof. Ramón Gómez, Mathematics (Hostos Alumni)

**Open Activities and Refreshments**

Origami – Prof. James Kennis, Mathematics  
Games – Prof. Ramón Gómez, Mathematics  
3D Printing/Robotics Display – Robotics Club  
Andy García, Student  
Angel Mercedes, Student  
Prof. Yoel Rodríguez, Faculty Advisor, Natural Sciences

2:00 – 3:30 pm

**Presentation**

“*Vedic Mathematics*”  
Prof. Lauren Wolf, Mathematics  
Prof. Edme Soho, Mathematics

**Technical Presentation**

“*Environmental Noise Pollution: Analysis of Public School, Hospital, Senior Housing and Residential Building in the Bronx Community*”  
Prof. Jiang Biao, Natural Sciences

**Presentation**

“*Reading Mathematics*”  
Prof. Cynthia Jones, English

**Open Activities and Refreshments**

Origami – Prof. James Kennis, Mathematics  
Games – Prof. Ramón Gómez, Mathematics  
3D Printing/Robotics Display – Robotics Club  
Andy García, Student  
Angel Mercedes, Student

Prof. Yoel Rodríguez, Faculty Advisor, Natural Sciences

**3:30 – 5:30 pm**

**BREAK**

**4:00 – 5:15 pm**

**Reception for Faculty, Staff and Administration**  
*“Recognition and Celebration of Accomplishments.”*

**Guest Speaker 1**

Jean-Pierre Kassegne, Mathematics (Hostos Alumni)

**Guest Speaker 2**

Dr. Claude Brathwaite, Project Administrator, NYC Louis Stokes Alliance for Minority Participation (Hostos Alumni)

**5:30 – 7:00 pm**

**Presentation**

*“Vedic Mathematics”*

Prof. Lauren Wolf, Mathematics

Prof. Edme Soho, Mathematics

**Presentation**

*“Using Fuzzy Math to Teach pH in a Biology Class”*

Prof. Julie Trachman, Natural Sciences

**Presentation**

*“The Mathematics and Applications Behind Image Warping and Morphing”*

Prof. Tanvir Prince, Mathematics

**Presentation**

*“Why Mathematics?”*

Prof. Saman Reshadi, Mathematics

**Presentation**

*“The Math Behind the Market”*

Mr. Vincent Young, Assistant Vice President, Curriculum Initiatives, SIFMA Foundation

Ms. Sara Bryan, Assistant Vice President, Regional Programs, SIFMA Foundation

**Open Activities and Refreshments**

Origami – Prof. James Kennis, Mathematics

Games – Prof. Ramón Gómez, Mathematics

3D Printing/Robotics Display – Robotics Club

Andy García, Student

Angel Mercedes, Student

Prof. Yoel Rodríguez, Faculty Advisor, Natural Sciences

**5:30 – 7:00 pm**

**Adjourn**

# **The Mathematics Department Would Like To Extend Their Thanks To All Who Made This Event Possible.**

## **COLLABORATORS**

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## **ORGANIZING COMMITTEE**

Prof. Moise Koffi  
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Ms. Luz Rivera  
Prof. Clara Nieto-Wire (chairwoman/coordinator)

