2nd Mathematics Day @ Hostos
In loving memory of Ibrahim Sangare, Hostos student

“The Power of Mathematics”
A quest to find out how Mathematics empowers individuals and communities in today’s society.

Tuesday, March 21, 2017
Cafeteria – C-Building
10 am to 7 pm
Faculty and Students Panels

FOR ADDITIONAL INFORMATION CONTACT
Prof. Clara Nieto-Wire
cnielo@hostos.cuny.edu
Invitation

The Hostos community is cordially invited to attend the 2nd Mathematics Day @ Hostos Community College, on Tuesday, March 21, 2017.

The theme of the event this year is “The Power of Mathematics - A Quest to Find Out How Mathematics Empowers Individuals and Communities in Today’s Society.”

This event is intended to raise community awareness on how mathematics plays a fundamental role in our lives, independent of the discipline that one decides to pursue. This event offers different venues for students, faculty, staff, and administrators to experience mathematics such as speakers, presenters, panels, and interactive activities, all designed to motivate participants to explore and share the meaning and importance of mathematics in a person’s life and in society.

All faculty and program managers are encouraged to bring their classes during a class period as a group, and/or to motivate the students to join any session at their convenience.

Faculty interested in having a record of their class attendance to the event, please contact Prof. Gisselle Guzmán at GUZMAN@HOSTOS.CUNY.EDU to provide the faculty name, and the course number/section.

For any other information regarding the event, or to confirm attendance to the 3:45pm-4:45pm session (faculty, staff, and administrators only), please contact Prof. Clara Nieto-Wire at CNIETO@HOSTOS.CUNY.EDU.

Thank you very much and we are looking forward to seeing you all during the 2nd Mathematics Day @ Hostos Community College.

Sincerely,

Prof. Clara Nieto-Wire
Event Coordinator.
Mathematics Department.
Hostos Community College.

Please find below the outline of the event.

All sessions are intended to explore how mathematics is experienced in different places of the world from multidisciplinary and multicultural points of view.
## 2nd Mathematics Day @ Hostos
Eugenio Maria de Hostos
Hostos Café – C Building – Tuesday, March 21, 2017

### The Power of Mathematics
* A Quest to Find Out How Mathematics Empowers Individuals and Communities in Today’s Society

### PROGRAM

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30-10:00 am</td>
<td>Registration / Refreshments</td>
</tr>
<tr>
<td>10:00-10:50 am</td>
<td>OPENING CEREMONY</td>
</tr>
<tr>
<td></td>
<td>Welcome</td>
</tr>
<tr>
<td></td>
<td>Prof. Clara Nieto-Wire.</td>
</tr>
<tr>
<td></td>
<td>2nd Mathematics Day Event Coordinator</td>
</tr>
<tr>
<td></td>
<td>Mathematics Department</td>
</tr>
<tr>
<td></td>
<td>Opening remarks</td>
</tr>
<tr>
<td></td>
<td>Dr. Christine Mangino, Provost and Vice President for Academic Affairs</td>
</tr>
<tr>
<td></td>
<td>Dr. Felix Cardona, Assistant Dean of Academic Affairs</td>
</tr>
<tr>
<td></td>
<td>Mr. Willy Baez, President of the Student Government Association</td>
</tr>
<tr>
<td></td>
<td>Prof. William Baker, Chair of Mathematics Department</td>
</tr>
<tr>
<td></td>
<td>Mathematics Department Awards Presentation</td>
</tr>
<tr>
<td></td>
<td>Presenter: Prof. Loreto Porte, Mathematics</td>
</tr>
<tr>
<td></td>
<td>Adjunct Faculty Award Recipients:</td>
</tr>
<tr>
<td></td>
<td>Prof. Luis Gómez</td>
</tr>
<tr>
<td></td>
<td>Prof. Ruben Worrell</td>
</tr>
<tr>
<td></td>
<td>Peer Leaders Award Recipients:</td>
</tr>
<tr>
<td></td>
<td>Ms. Galina Sagno</td>
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<td>Ms. Ebony Peguero</td>
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<td></td>
<td>Mr. Moustapha Ndiaye</td>
</tr>
<tr>
<td></td>
<td>Alumni Relations Award Presentation</td>
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<tr>
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<td>Presenter: Ms. Nydia Edgecombe, Director, Office of Alumni Relations – HCC</td>
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<td>Award recipient will be announced during ceremony.</td>
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<tr>
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<td>Presentation</td>
</tr>
<tr>
<td></td>
<td>“Mathematics: Building Communities and Empowering Individuals”</td>
</tr>
<tr>
<td></td>
<td>Prof. Anders (AJ) Stachelek, Mathematics</td>
</tr>
<tr>
<td>11:00-12:15 pm</td>
<td>SESSION 1</td>
</tr>
<tr>
<td></td>
<td>Session Chair - Prof. Anders (AJ) Stachelek, Mathematics</td>
</tr>
<tr>
<td></td>
<td>Faculty Presentations</td>
</tr>
<tr>
<td></td>
<td>♦ “Mathematics through Literary Eyes”</td>
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<tr>
<td></td>
<td>Prof. Cynthia Jones, English</td>
</tr>
<tr>
<td></td>
<td>♦ “Minorities in Finance: How Important is Mathematics?”</td>
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<tr>
<td></td>
<td>Prof. Claude Fernández, Business</td>
</tr>
<tr>
<td></td>
<td>♦ “How to Overcome Math Anxiety”</td>
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<tr>
<td></td>
<td>Ms. Gowun Park, Quantitative Reasoning Fellow at HCC</td>
</tr>
</tbody>
</table>
### Panel Discussion

"Voices from the Students: Mathematics - Personal Views and Experience"

Moderator: Prof. Claude Fernández, Assistant Professor, Business Department, HCC

Panelists: Melissa Monegro, Engineering - HCC  
Karla Kruger, Engineering - HCC  
Eliana Pérez, Mathematics – Lehman College.  
Madieng Diao, Engineering – The City College of NY  
Sakhr Aldaylam, Engineering – HCC  
Fatoumata Camata, Engineering Technology - City Tech

### Open activities

*(refreshments will be served)*

- "Origami"
  - Prof. James Kennis, Mathematics

- "Table Games and Playful Mathematics"
  - Prof. Ramón Gómez & Prof. Armando Amador, Mathematics

- "3D Printing"
  - Prof. Yoel Rodríguez, Natural Sciences  
  - Angel Mercedes, Christian Hiacón, Nyomor-Da Tackie-Yarboy,  
  - Analilia Méndez, and Khalid Naitbourhim, Engineering Students at HCC & CCNY

- "Cloud-Based Smart Device for Environment Monitoring"
  - Prof. Jiang Biao, Natural Sciences

- "Simulations of Stars' Implosion Due to Unbalanced Forces"
  - Prof. Moise Koffi, Mathematics

### 12:30-1:45pm

**SESSION 2**

Session Chair – Mr. Ramah Sharaf, Vice President of the Student Government Association

### Faculty Presentations

- "Math is Everywhere"
  - Prof. Tanvir Prince, Mathematics

- "Calculus in Mass Incarceration and Math."
  - Prof. Lauren Wolf, Mathematics

- "Mathematical Modeling for Biological Systems"
  - Dr. Gaffar Gailaini, Mechanical Engineering Technology (City Tech)

### Panel Discussion

"Voices from the Faculty: Mathematics - Personal Views and Experience"

Moderator: Dean Felix Cardona, Assistant Dean of Academic Affairs

Panelists: Prof. Kate Wolfe, Behavioral and Social Sciences - HCC  
  - Prof. Jaqueline DiSanto, Education - HCC  
  - Prof. Nelson Nuñez, Natural Sciences - HCC  
  - Prof. Gaffar Gailani, Mechanical Engineering – City Tech  
  - Prof. Bronislaw Czarnocha, Mathematics - HCC

### Open activities

*(refreshments will be served)*

- "Origami"
  - Prof. James Kennis, Mathematics

- "Table Games and Playful Mathematics"
  - Prof. Ramón Gómez & Prof. Armando Amador, Mathematics

- "3D Printing"
  - Prof. Yoel Rodríguez, Natural Sciences  
  - Angel Mercedes, Christian Hiacón, Nyomor-Da Tackie-Yarboy,
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair</th>
<th>Presenters/Activities</th>
</tr>
</thead>
</table>
| 2:00-3:15pm  | SESSION 3                                                                | Prof. Lauren Wolf, Mathematics | - "Mathematics of Fairy Tales"  
- Prof. Czarnocha, Mathematics  
- "Oceans from the Past: Unlocking their Secrets Using Math"  
- Prof. Allison Franzese, Natural Sciences  
- "Simulations of Stars' Implosion Due to Unbalanced Forces"  
- Prof. Moise Koffi, Mathematics  
- "Cloud-based Smart Device for Environment Monitoring”  
- Prof. Jiang Biao, Natural Sciences  
- Open activities (refreshments will be served)  
- "Origami"  
- Prof. James Kennis, Mathematics  
- "Table Games and Playful Mathematics”  
- Prof. Ramón Gómez & Prof. Armando Amador, Mathematics  
- "3D Printing”  
- Prof. Yoel Rodríguez, Natural Sciences  
- Angel Mercedes, Christian Hiacón, Nyomor-Da Tackle-Yarboy, Analillia Méndez, and Khalid Naitbourhim, Engineering Students at HCC & CCNY  
- "Cloud-based Smart Device for Environment Monitoring”  
- Prof. Jiang Biao, Natural Sciences  
- "Simulations of Stars' Implosion Due to Unbalanced Forces”  
- Prof. Moise Koffi, Mathematics  
- "Vedic Mathematics”  
- Prof. Lauren Wolf & Prof. Edme Soho, Mathematics |
| 3:45-4:45pm  | SESSION FOR FACULTY, STAFF, AND ADMINISTRATORS                           |              | **Introductory Remarks:** 2\textsuperscript{nd} Mathematics Day at HCC by Event Coordinator  
Prof. Clara Nieto-Wire, Mathematics  
**Session Remarks**  
Dr. Christine Mangino, Provost and Vice President for Academic Affairs  
**Faculty Presentation-General Education Remarks**  
Prof. Cynthia Jones  
**Panel Discussion**  
"Mathematics: Voices from Higher Education”  
Moderator: Dr. Claude Brathwaite, Project Administrator, NYC Louis Stokes Alliance for Minority Participation (LSAMP)  
Panelists: Christine Mangino, Ed.D., Provost and Vice President - Academic Affairs
| 5:30-6:45pm | **SESSION 4**  
Session Chair - Prof. Moise Koffi, Mathematics |
---|---|
**Faculty Presentations**  
- “Mathematics: Building Communities and Empowering Individuals”  
  Prof. Anders (AJ) Stachelek, Mathematics  
- “Cloud-based Smart Device for Environment Monitoring”  
  Prof. Jiang Biao, Natural Sciences  
- “Understanding the Quantitative Nature of Psychology”  
  Prof. Kate Wolfe, Behavioral and Social Sciences  
**Panel:** “Voices from the Faculty”  
  Moderator: Dr. Claude Brathwaite, Project Administrator, NYC-LSAMP  
  Panelists:  
  - Prof. Mohammad Sohel, Naturals Sciences - HCC  
  - Prof. Jiang Biao, Naturals Sciences - HCC  
  - Prof. Alexander Vaninsky, Mathematics - HCC  
  - Prof. Lauren Wolf, Mathematics - HCC  
  - Prof. Sagna Bakary, Mathematics - HCC  
  - Prof. Ruben Worrell, Mathematics - HCC  
**Open activities**  
*(refreshments will be served)*  
- “Origami”  
  Prof. James Kennis, Mathematics  
- “Table Games and Playful Mathematics”  
  Prof. Ramón Gómez & Prof. Armando Amador, Mathematics  
- “3D Printing”  
  Prof. Yoel Rodríguez, Natural Sciences  
  Angel Mercedes, Christian Hiacón, Nyomor-Da Tackie-Yarboy, Analilia Méndez, and Khalid Naitbourhim, Engineering Students at HCC & CCNY  
- “Cloud-based Smart Device for Environment Monitoring”  
  Prof. Jiang Biao, Natural Sciences  
- “Simulations of Stars’ Implosion Due to Unbalanced Forces”  
  Prof. Moise Koffi, Mathematics
The Mathematics Department Would Like to Express Its Gratitude to All Who Made This Event Possible.

COLLABORATORS
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General Education Committee
Center for Teaching and Learning
Office of Alumni Relations
Natural Sciences Department
Hostos Academic Learning Center
Title V
Duplicating
Student Government Association
Hostos Collegiate Science and Technology Entry Program – CSTEP
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Prof, Anders (AJ) Stachelek
Prof. Lauren Wolf
Ms. Nydia Edgecombe
Ms. Lissette Maspons
Ms. Fidelia Okolo
Ms. Luz Rivera
Prof. Clara Nieto-Wire (chairwoman/coordinator)