

# 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

The Mathematics Department in collaboration with: Office of Academic Affairs • Office of the President • General Education Committee • Center for Teaching and Learning • Office of Alumni Relations • Natural Sciences Department • CSTEP • Title V • HALC • LSAMP

Sponsors/Donors: Office of Academic Affairs • Alumni Relations Office • CSTEP • Mathematics Department Faculty • Student Government Association



FOR ADDITIONAL INFORMATION CONTACT

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cnieto@hostos.cuny.edu





**2<sup>nd</sup> 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**

<b>9:30-10:00 am</b>	<b>Registration / Refreshments</b>
<b>10:00-10:50am</b>	<p><b>OPENING CEREMONY</b></p> <p><b>Welcome</b>  Prof. Clara Nieto-Wire.  2<sup>nd</sup> Mathematics Day Event Coordinator  Mathematics Department</p> <p><b>Opening remarks</b>  Dr. Christine Mangino, Provost and Vice President for Academic Affairs  Dr. Felix Cardona, Assistant Dean of Academic Affairs  Mr. Willy Baez, President of the Student Government Association  Prof. William Baker, Chair of Mathematics Department</p> <p><b>Mathematics Department Awards Presentation</b>  Presenter: Prof. Loreto Porte, Mathematics</p> <p><b>Adjunct Faculty Award Recipients:</b>  Prof. Luis Gómez  Prof. Ruben Worrell</p> <p><b>Peer Leaders Award Recipients:</b>  Ms. Galina Sagno  Ms. Ebony Peguero  Mr. Moustapha Ndiaye</p> <p><b>Alumni Relations Award Presentation</b>  Presenter: Ms. Nydia Edgecombe, Director, Office of Alumni Relations – HCC  Award recipient will be announced during ceremony.</p> <p><b>Presentation</b>  <i>“Mathematics: Building Communities and Empowering Individuals”</i>  Prof. Anders (AJ) Stachelek, Mathematics</p>
<b>11:00-12:15pm</b>	<p><b>SESSION 1</b>  Session Chair - Prof. Anders (AJ) Stachelek, Mathematics</p> <p><b>Faculty Presentations</b></p> <ul style="list-style-type: none"> <li>◆ <i>“Mathematics through Literary Eyes”</i>  Prof. Cynthia Jones, English</li> <li>◆ <i>“Minorities in Finance: How Important is Mathematics?”</i>  Prof. Claude Fernández, Business</li> <li>◆ <i>“How to Overcome Math Anxiety”</i>  Ms. Gowun Park, Quantitative Reasoning Fellow at HCC</li> </ul>

	<p><b>Panel Discussion</b>  “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</p> <p><b>Open activities</b>  <i>(refreshments will be served)</i></p> <ul style="list-style-type: none"> <li>◆ “Origami”  Prof. James Kennis, Mathematics</li> <li>◆ “Table Games and Playful Mathematics”  Prof. Ramón Gómez &amp; Prof. Armando Amador, Mathematics</li> <li>◆ “3D Printing”  Prof. Yoel Rodríguez, Natural Sciences  Angel Mercedes, Christian Hiacón, Nyomor-Da Tackie-Yarboy,  Analilia Méndez, and Khalid Naitbourhim, Engineering Students at HCC &amp; CCNY</li> <li>◆ “Cloud-Based Smart Device for Environment Monitoring”  Prof. Jiang Biao, Natural Sciences</li> <li>◆ “Simulations of Stars’ Implosion Due to Unbalanced Forces”  Prof. Moise Koffi, Mathematics</li> </ul>
<p><b>12:30-1:45pm</b></p>	<p><b>SESSION 2</b>  Session Chair – Mr. Ramah Sharaf, Vice President of the Student Government Association</p> <p><b>Faculty Presentations</b></p> <ul style="list-style-type: none"> <li>◆ “<i>Math is Everywhere</i>”  Prof. Tanvir Prince, Mathematics</li> <li>◆ “<i>Calculus in Mass Incarceration and Math.</i>”  Prof. Lauren Wolf, Mathematics</li> <li>◆ “<i>Mathematical Modeling for Biological Systems</i>”  Dr. Gaffar Gailaini, Mechanical Engineering Technology (City Tech)</li> </ul> <p><b>Panel Discussion</b>  “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</p> <p><b>Open activities</b>  <i>(refreshments will be served)</i></p> <ul style="list-style-type: none"> <li>◆ “Origami”  Prof. James Kennis, Mathematics</li> <li>◆ “Table Games and Playful Mathematics”  Prof. Ramón Gómez &amp; Prof. Armando Amador, Mathematics</li> <li>◆ “3D Printing”  Prof. Yoel Rodríguez, Natural Sciences  Angel Mercedes, Christian Hiacón, Nyomor-Da Tackie-Yarboy,</li> </ul>

	<p>Anallia Méndez, and Khalid Naitbourhim, Engineering Students at HCC &amp; CCNY</p> <ul style="list-style-type: none"> <li>◆ “Cloud-based Smart Device for Environment Monitoring” Prof. Jiang Biao, Natural Sciences</li> <li>◆ “Simulations of Stars’ Implosion Due to Unbalanced Forces” Prof. Moise Koffi, Mathematics</li> </ul>
<p><b>2:00-3:15pm</b></p>	<p><b>SESSION 3</b> Session Chair - Prof. Lauren Wolf, Mathematics</p> <p><b>Faculty Presentations</b></p> <ul style="list-style-type: none"> <li>◆ “<i>Mathematics of Fairy Tales</i>” Prof. Czarnocha, Mathematics</li> <li>◆ “<i>Oceans from the Past: Unlocking their Secrets Using Math</i>” Prof. Allison Franzese, Natural Sciences</li> <li>◆ “Simulations of Stars’ Implosion Due to Unbalanced Forces” Prof. Moise Koffi, Mathematics</li> <li>◆ “<i>Cloud-based Smart Device for Environment Monitoring</i>” Prof. Jiang Biao, Natural Sciences</li> </ul> <p><b>Open activities</b> (refreshments will be served)</p> <ul style="list-style-type: none"> <li>◆ “Origami” Prof. James Kennis, Mathematics</li> <li>◆ “Table Games and Playful Mathematics” Prof. Ramón Gómez &amp; Prof. Armando Amador, Mathematics</li> <li>◆ “3D Printing” Prof. Yoel Rodríguez, Natural Sciences Angel Mercedes, Christian Hiacón, Nyomor-Da Tackie-Yarboy, Anallia Méndez, and Khalid Naitbourhim, Engineering Students at HCC &amp; CCNY</li> <li>◆ “Cloud-based Smart Device for Environment Monitoring” Prof. Jiang Biao, Natural Sciences</li> <li>◆ “Simulations of Stars’ Implosion Due to Unbalanced Forces” Prof. Moise Koffi, Mathematics</li> <li>◆ “Vedic Mathematics” Prof. Lauren Wolf &amp; Prof. Edme Soho, Mathematics</li> </ul>
<p><b>3:45-4:45pm</b> Faculty Dining Room (FDR)</p>	<p><b>SESSION FOR FACULTY, STAFF, AND ADMINISTRATORS</b></p> <p><b>Introductory Remarks: 2<sup>nd</sup> Mathematics Day at HCC by Event Coordinator</b> Prof. Clara Nieto-Wire, Mathematics</p> <p><b>Session Remarks</b> Dr. Christine Mangino, Provost and Vice President for Academic Affairs</p> <p><b>Faculty Presentation-General Education Remarks</b> Prof. Cynthia Jones</p> <p><b>Panel Discussion</b> “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</p>

	<p>Carlos Molina, PhD., VP for Continuing Education &amp; Workforce Development  Mr. Nathaniel Cruz, VP for Student Development and Enrollment Management  William Baker, PhD, Chair of the Mathematics Department  Francisco Fernández, PhD., Chair of the Natural Sciences Department  Karin Lundberg, PhD., Chair of the Learning and Cognition Department  Manuel Livingston, MEd RT (R)(CT), Asst. Professor, Allied Health Department</p>
<p><b>5:30-6:45pm</b></p>	<p><b>SESSION 4</b>  Session Chair - Prof. Moise Koffi, Mathematics</p> <p><b>Faculty Presentations</b></p> <ul style="list-style-type: none"> <li>◆ <i>“Mathematics: Building Communities and Empowering Individuals”</i>  Prof. Anders (AJ) Stachelek, Mathematics</li> <li>◆ <i>“Cloud-based Smart Device for Environment Monitoring”</i>  Prof. Jiang Biao, Natural Sciences</li> <li>◆ <i>“Understanding the Quantitative Nature of Psychology”</i>  Prof. Kate Wolfe, Behavioral and Social Sciences</li> </ul> <p><b>Panel: “Voices from the Faculty”</b>  Moderator: Dr. Claude Brathwaite, Project Administrator, NYC-LSAMP  Panelists: Prof. Mohammad Sohel, Natural Sciences - HCC  Prof. Jiang Biao, Natural Sciences - HCC  Prof. Alexander Vaninsky, Mathematics - HCC  Prof. Lauren Wolf, Mathematics - HCC  Prof. Sagna Bakary, Mathematics - HCC  Prof. Ruben Worrell, Mathematics - HCC</p> <p><b>Open activities</b>  <i>(refreshments will be served)</i></p> <ul style="list-style-type: none"> <li>◆ <i>“Origami”</i>  Prof. James Kennis, Mathematics</li> <li>◆ <i>“Table Games and Playful Mathematics”</i>  Prof. Ramón Gómez &amp; Prof. Armando Amador, Mathematics</li> <li>◆ <i>“3D Printing”</i>  Prof. Yoel Rodríguez, Natural Sciences  Angel Mercedes, Christian Hiacón, Nyomor-Da Tackie-Yarboy,  Analilia Méndez, and Khalid Naitbourhim, Engineering Students at HCC &amp; CCNY</li> <li>◆ <i>“Cloud-based Smart Device for Environment Monitoring”</i>  Prof. Jiang Biao, Natural Sciences</li> <li>◆ <i>“Simulations of Stars’ Implosion Due to Unbalanced Forces”</i>  Prof. Moise Koffi, Mathematics</li> </ul>

**The Mathematics Department Would Like to Express Its  
Gratitude to All Who Made This Event Possible.**

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