LOCATION: THE CONFERENCE WILL BE HELD IN THE GRAND BALLROOM ON LEVEL 2 OF ACKERMAN STUDENT UNION ON THE UCLA CAMPUS, UNLESS OTHERWISE NOTED.

THURSDAY, MARCH 8, 2018

Morning Session
9:00 - 9:30  Registration for Pre-conference Activity/Light Refreshments (by RSVP only)
9:30 - 11:30  Pre-conference Activity for Students Presenting a Poster - Location: Bruin Reception Room
11:30 - 12:00  Beverly Yanuaria (University of California, Los Angeles)
Ins & Outs of Applying to Graduate School - Location: Bruin Reception Room
11:30 - 12:00  Math Institutes Programs - Location: Room 2408
11:30  General Registration Begins
12:00 - 1:00  Lunch/Who is Here Board?

Afternoon Session
1:00 - 1:30  Welcome and Opening Remarks
1:30 - 2:30  Ivelisse Rubio (University of Puerto Rico)
Exploring, generalizing and applying the covering method
2:30 - 3:00  Break
3:00 - 4:00  Ryan Hynd (University of Pennsylvania)
Adhesion dynamics and the sticky particle system
4:00 - 6:00  Poster Session
6:00 - 8:00  Reception/Networking Activity

FRIDAY, MARCH 9, 2018

Morning Session
8:00 - 8:45  Breakfast/Nominations Committee
8:45 - 9:45  Rodrigo Bañuelos (Purdue University)
Looking for randomness in all the wrong places
9:00 - 11:00  Math Circle Activity for High School Students (closed session; by invitation only)
9:45 - 10:00  Break
10:00 - 11:00  Edgar Lobaton (North Carolina State University)
From Cyborg-Insect to Human Motion: Topological Data Analysis Applied to Time Series
11:00 - 11:15  Break
CONTINUED - FRIDAY, MARCH 9, 2018

11:15 - 12:30  Panel Discussion
Latinx in STEM Disciplines and Higher Education, featuring Carlos Castillo-Chavez (Arizona State University), Dagan Karp (Harvey Mudd College), and Talitha Washington (Howard University). Moderator: Jorge Balbás (IPAM).

12:30 - 2:00  Lunch/Networking Activity

Afternoon Session

CONCURRENT SCIENTIFIC SESSIONS

2:00 - 5:00  Algebra and Number Theory - Location: IPAM Lecture Hall 1200
2:00 - 2:25 Rosemary Guzman (University of Chicago)
2:30 - 2:55 Pablo Solis (Stanford University)
3:30 - 3:55 Bianca Thompson (Harvey Mudd College)
4:00 - 4:25 Anthony Varilly-Alvarado (Rice University)
4:30 - 4:55 Pamela Harris (Williams College)

2:00 - 5:00  Mathematical Biology - Location: Room 2408
2:00 - 2:25 Jose Perea (Michigan State University)
2:30 - 2:55 Fabiola Manjarrez (National Autonomous University of Mexico)
3:30 - 3:55 Luis Valdez-Sanchez (University of Texas at El Paso)
4:00 - 4:25 Nicolas Garcia Trillos (Brown University)
4:30 - 4:55 Angélica Osorno (Reed College)

2:00 - 5:00  Topics in Contemporary Discrete Mathematics - Location: Bruin Reception Room
2:00 - 2:25 Laura Escobar (University of Illinois at Urbana-Champaign)
2:30 - 2:55 Joseph Teran (UCLA)
3:30 - 3:55 Diego Cifuentes (Max-Planck Institute for the Mathematics in the Sciences)
4:00 - 4:25 Anastasia Chavez (University of California, Davis)
4:30 - 4:55 Pablo Soberon (Northeastern University)

2:00 - 5:00  Topology: New Trends Applications and Theory - Location: Grand Ballroom
2:00 - 2:25 Rosemary Guzman (University of Chicago)
2:30 - 2:55 Fabiola Manjarrez (National Autonomous University of Mexico)
3:30 - 3:55 Luis Valdez-Sanchez (University of Texas at El Paso)
4:00 - 4:25 Nicolas Garcia Trillos (Brown University)
4:30 - 4:55 Angélica Osorno (Reed College)

3:00 - 3:30  Break

6:00 - 8:00  Reception/One-on-One Conversations
SATURDAY, MARCH 10, 2018

Morning Session

8:00 - 9:00  Breakfast/Ladies Breakfast

9:00 - 10:00  Lily Khadjavi (Loyola Marymount University)
Policing in Los Angeles and the issue of racial profiling

10:00 - 10:15  Break

10:15 - 11:15  Jesús De Loera (University of California, Davis)
Variations of Carathéodory theorem for Integer Optimization

11:15 - 11:30  Break

11:30 - 12:30  Rochelle Gutiérrez (University of Illinois at Urbana-Champaign)
Rehumanizing Mathematics: A Vision for the Future

12:30 - 2:00  Lunch/One-on-One Conversations

Afternoon Session

PANEL SESSIONS

2:00 - 3:00  Moving up the Academic Ladder and Developing Leadership Skills, featuring Jose Castillo (San Diego State University), David Cruz-Uribe (University of Alabama) and Mariel Vasquez (UC Davis).
Moderator: Ivelisse Rubio.
Location: Room 2408

2:00 - 3:00  Careers in Academia, featuring Selenne Banuelos (CSU Channel Islands), Anastasia Chavez (UC Davis), Anthony Várilly-Alvarado (Rice University) and William Velez (University of Arizona).
Moderator: Edray Goins (Purdue University).
Location: Bruin Reception Room

3:00 - 4:00  Careers in Government, featuring Alejandra Alvarado (US Navy), Sara Del Valle (Los Alamos National Laboratory), and Arnie Horta (NSA). Moderator: Talitha Washington (Howard University).
Location: Bruin Reception Room

4:00 - 5:00  Careers in Industry, featuring Tomas Kabbabe (Facebook), Luis Serrano (Udacity), & Joey Teran (UCLA).
Moderator: Javier Arsuaga (UC Davis).
Location: Bruin Reception Room

6:00 - 8:00  Banquet (Hosted by IPAM)

8:30 - 9:30  Music: La Chamba