

Program

Morning session (Atrium Amphitheater)

- 10:00AM Welcome by Dean K. Botchway, Ass. Provost P. Brown, Dean B. Grumet.
- 10:15AM Prof. **Anne Zissu,** Longevity Risk, Life Expectancy, Financial Products And Molecules
- 11:15AM Prof. **Benjamin Shepard,** The Battle of Brooklyn: World City and Space of Neighborhoods

Lunch (12:00PM-1:00PM, Faculty Lounge, A632)

Afternoon sessions

MATHEMATIC	CS (N718) CHAIR: C. CALINESCU
1:00PM	Boyan Kostadinov, A Computer Simulation Model for the Spread of
1:30PM	Swine Flu Pandemic Satyanand Singh, A Fifth Way to Skin a Definite Integral
2:00PM	Thomas Johnstone , Set theory without power setshould we add the collection axiom?
2:30PM	Andrew Parker, The Euler Class Group: An Algebraic Obstruction
3:00PM	Theory for Projective Modules Ariane Masuda, Rational Functions with Linear Relations
3:30PM	Urmi Ghosh-Dastidar , Graph Partitioning and Bio-Diversity of the Hudson River
PHYSICS (N	716) CHAIR: G. OSSOLA
1:00PM	Boris Gelman , Strong force in quantum chromodynamics with a large number of colors
1:30PM	Ilya Grigorenko, Fractal nanostructures with Hilbert curve geometry as a SERS substrate
2:00PM	Justin Vazquez-Poritz, String Theory and Nonrelativistic Field Theories
2:30PM	Oleg Berman, Superfluidity of dipolar excitons in two-layer gapped
3:00PM	graphene Viviana Acquaviva, The nature of Dark Energy
3:30PM	German Kolmakov , Nonlinear dynamics of a polariton Bose-Einstein condensate
BIOLOGY/CH	EMISTRY (N700) CHAIR: D. SMYTH
1:00PM	Jeremy Seto, Reflections on a Silent Spring in an Urban Environment
1:30PM	Peter Spellane , Old maps, new technologies: discovering sulfuric acid and petroleum at Newtown Creek
2:00PM	Vasily Kolchenko, Viruses in the Beam of Light: Detecting the Smallest Single RNA Viral Particle by Whispering Gallery-Mode
2:30PM	Biosensor Alberto Martinez, Searching for New Chemotherapies against Tropical
3:00PM	Diseases Diana Samaroo , Porphyrins as Potential PDT Photosensitizers
3:30PM	Liana Tsenova , A Computer Simulation Model for the Spread of Swine Flu Pandemic
COMPUTER S	SYST. & TECH. (N521) CHAIR: I. HENG
1:00PM	Evan Siegel , Algorithmically Generated Test Generator Using Visual Basic for Applications
1:30PM	Benito Mendoza, Emergence: A biologically inspired computing model
2:00PM	Iem Heng , Using Quaternions and OpenGL to Create 3D Object Fluid Movement
2:30PM	Marcos Pinto, A network of neurons to predict stock prices
3:30PM	Junior Tidal , From Open Source to On Your Phone: Using Drupal to Develop the Library's Mobile Website

ARCHITECTUR	RE (N619) CHAIR: I. AZAROFF
1:00PM	Jason Montgomery and Jeffrey Burden , The Empire State Building as a Case Study Laboratory
1:30PM	Jill Bouratoglou and Lia Dikigoropoulou, Connecting Our Students to the Outside World: Using Online Reviewers and Student Blogs in the Classroom
2:00PM 2:30PM	Paul King , Disaster Recovery and Resilient Design in ConeyIsland Barbara Mishara , Systems of Organization to Enhance Student
2.50114	Learning
3:00PM 3:30PM	Illya Azaroff , Designing for Disaster: High Density Disaster Response Esteban Beita , Obscured Boundaries: from traditional to contemporary Japanese architecture
SOCIAL SCIE	NCES (N606) CHAIR: A. DELILKAN
1:30PM	Fangxia Lin, Extreme Dependence across East Asian Financial Markets: Evidence in Equity and Currency Markets
2:00PM	Geoff Zylstra , Stretching Time, Collapsing Space: New Jersey Market Gardeners Use Technology to Control Production, 1838-1876
2:30PM	Sean MacDonald , Evaluating the Relative Effectiveness of Loan Modification Programs in Reducing Foreclosure Rates: 2008 - 2012
3:00PM	Keith Muchowski , Preserving Union: Voluntary Organizations in Civil War New York
3:30PM	Maura Smale, I could study anywhere, as long as I could sit I'll study: The Scholarly Ecosystem of CUNY Students
DENTISTRY (N522) CHAIR: R. BUDNY
1:30PM	Marilyn Cortell and Susan Davide , Knowledge and Attitudes of HIV Among Senior Dental Hygiene Students
2:00PM	Anty Lam , Dental Hygiene and Psychological Well-Being, Is There A Relationship?
2:30PM	Ashley Grill , Lack of Consensus in Terminology Affecting Periodontal Diagnosis
3:00PM	Anna Matthews , Disintegration of Function in Adolescents and Young Adults with Down Syndrome
3:30PM	Renata Budny , Fellowship case study: Gnathology implementation in full mouth reconstruction
BUSINESS (N	705) CHAIR: L. BERNARI
1:30PM 2:00PM	Lucas Bernard , Wage-share Dynamics: implications for growth and policy in advanced economies, world markets, and global competition Paul Salisbury , Targeting Greens: A Customer Acquisition Challenge
2:30PM	Jierong Cheng, Comparison of Principles-Based and Rules-Based Accounting Standards on Transparency

ENGINEERING	(N519) CHAIR: O. YASAR
1:30PM	Ozlem Yasar , Design and Fabrication of Nutrient Delivery Networks in Tissue Constructs
2:00PM	Masato Nakamura, Energy and Environmental Simulation for New York City
2:30PM	Malek Brahimi , A New Technique to Improve the Strength of a Two Force Member Made of Composite Material
3:00PM	Zory Marantz , On the optimality of network assisted power control for a general class of sigmoid functions
EDUCATION (N500) CHAIR: A. MEHROTRA
1:30PM	Patrick O'Halloran , E-Learning As It Relates To Students Educators And Job Opportunities In The Hospitality Industry
2:00PM	Amit Mehrotra , Assessing Hospitality Program Outcomes – A Model Using Alumni Perceptions
2:30PM	Mery Diaz , Advancing Interdisciplinary Collaboration between School Social Workers and Teachers in Urban Schools
3:00PM	Susan Brandt, Mentoring across Disciplines
ENGLISH (N6	17) CHAIR: R. FERDINAND
1:30PM	Jill Belli , Drafting Happiness: The Rhetoric of Resiliency in the United States Army Comprehensive Soldier Fitness Program
2:00PM	Laura Westengard , VampireFantasy: Neoliberalism and the Undead in Post-9/11 Popular Culture
2:00PM 2:30PM	in Post-9/11 Popular Culture Renata Ferdinand , Things I Tell My Daughter: An Auto-Ethnographic
	in Post-9/11 Popular Culture Renata Ferdinand, Things I Tell My Daughter: An Auto-Ethnographic Mother-Writing Rebecca Devers, Cozying Up with the Cold War: Articulating a Theory
2:30PM	in Post-9/11 Popular Culture Renata Ferdinand, Things I Tell My Daughter: An Auto-Ethnographic Mother-Writing
2:30PM 3:00PM 3:30PM	in Post-9/11 Popular Culture Renata Ferdinand, Things I Tell My Daughter: An Auto-Ethnographic Mother-Writing Rebecca Devers, Cozying Up with the Cold War: Articulating a Theory of Atomic Age Domestic Space Sean Scanlan, Domestic Constructions and Global Ethics in Recent
2:30PM 3:00PM 3:30PM	in Post-9/11 Popular Culture Renata Ferdinand, Things I Tell My Daughter: An Auto-Ethnographic Mother-Writing Rebecca Devers, Cozying Up with the Cold War: Articulating a Theory of Atomic Age Domestic Space Sean Scanlan, Domestic Constructions and Global Ethics in Recent World Literature Novels
2:30PM 3:00PM 3:30PM	in Post-9/11 Popular Culture Renata Ferdinand, Things I Tell My Daughter: An Auto-Ethnographic Mother-Writing Rebecca Devers, Cozying Up with the Cold War: Articulating a Theory of Atomic Age Domestic Space Sean Scanlan, Domestic Constructions and Global Ethics in Recent World Literature Novels HEALTH (N 5 1 7) CHAIR: N. RODRIGUEZ Noemi Rodriguez, Evaluating the impact of online instruction on lifelong learning skills Margaret Rafferty, Vitamin D Implications of the Institute of Medicine
2:30PM 3:00PM 3:30PM NURSING & H 1:30PM	in Post-9/11 Popular Culture Renata Ferdinand, Things I Tell My Daughter: An Auto-Ethnographic Mother-Writing Rebecca Devers, Cozying Up with the Cold War: Articulating a Theory of Atomic Age Domestic Space Sean Scanlan, Domestic Constructions and Global Ethics in Recent World Literature Novels HEALTH (N 5 1 7) CHAIR: N. RODRIGUEZ Noemi Rodriguez, Evaluating the impact of online instruction on lifelong learning skills

Organizing Committee

Arts and Science, Research and Grants (Dean Karl Botchway)

Hans Schoutens (chair)

Alexander Rozenblyum (MATH) Ann Delilkan (HU) Andrea Ferroglia (PHYS) Andrew Douglas (MATH) Anna Do (ENG) **Annette Saddik (ENG)** Corina Calinescu (MATH) Davida Smyth (BIO) Delaram Kahrobaei (MATH) **Eric Rodriguez (SS)** Giovanni Ossola (PHY) Laura Ghezzi (MATH) Maria Flaherty (BIO) Oleg Berman (PHYS) **Simon Smith (MATH) Thomas Tradler (MATH) Tony Nicolas (CHEM) Tshombe Walker (AFR) Zhao Chen (MATH)**