

Euler 2010

The ninth annual meeting of the Euler Society



Adelphi University – July 19-21, 2010 Schedule of Events

All events are in Hagedorn 219 unless otherwise indicated

Monday, July 19

Rob Bradley, Chair

- 8:30 - 9:00** Continental breakfast
9:00 - 9:15 Welcome and Introductions
9:15 - 10:05 **Larry D'Antonio**, Ramapo College – Mating Griffins with Horses: Euler and Kant
10:15 - 10:35 **Michael Saclolo**, St. Edward's University – Euler on Cases when $x^4 + mx^2y^2 + y^4$ can be Reduced to a Square
10:45 - 11:00 Morning break
11:00 - 11:50 **Bruce Petrie**, IHPST, University of Toronto – Leonhard Euler's Use and Understanding of Mathematical Transcendence
12:00 - 1:30 Lunch

Erik Tou, Chair

- 1:30 - 2:20** **Stacy Langton**, University of San Diego – A Buckling Paradox
2:30 - 2:50 **Paul Bialek**, Trinity International University – Euler's Primality Test for Numbers of the Form $4n+1$
3:00 - 3:30 Afternoon coffee break
3:30 - 4:20 **Bruce Burdick**, Roger Williams University – Various Observations on Euler's E72
4:30 - 5:45 Reading Euler from Original Sources I

Tuesday, July 20

Lee Stemkoski, Chair

8:30 - 9:00 Continental Breakfast

9:00 - 9:50 **Kim Plofker**, Union College – Euler’s Reinvention (and Generalization) Of Spherical Trigonometry

10:00-10:20 **Erik Tou**, Carthage College – Opera Omnia Anglice Reddit

10:30-10:45 Morning break

10:45-11:45 **The Euler Lecture: David Richeson**, Dickinson College – Euler’s Polyhedron Formula and the Euler Characteristic

11:45 - 1:15 Lunch

Ron Calinger, Chair

1:15 - 2:05 **Tom Osler**, Rowan University – Another Look at Euler’s Oblique-angled Diameters

2:15 - 2:35 **Steve Donahue**, Rowan University – E685: An Analytic Exercise in which a most General Summation of Series is Found

2:45 – 3:05 **Ken Gittelsohn**, NYC Schools – Euler and the Design of Duplicate Bridge Tournaments

3:15 - 3:30 Afternoon coffee break

3:30 - 4:20 **Sandro Caparrini**, IHPST, University of Toronto – Rigid Bodies in the Eighteenth Century

4:30 - 5:45 Reading Euler from Original Sources II

Wednesday, July 21

Larry D’Antonio, Chair

8:30 - 9:00 Continental Breakfast

9:00 - 9:50 **Rob Bradley**, Adelphi University – Euler’s Algebraic Analysis

10:00 - 10:20 **Jordan Bell**, University of Toronto – Euler and the Zeta Function

10:30 - 10:45 Morning Break

10:45 - 11:35 **Ron Calinger**, Catholic University of America – Euler: the Final Berlin Years, 1756 - 1766

11:45 Closing remarks