

Euler 2012

The eleventh annual meeting of the Euler Society



Adelphi University – July 23-25, 2012

Schedule of Events

All events are in Science 215N unless otherwise indicated

Monday, July 23

Lee Stemkoski, Chair

- 8:30 - 9:00** Continental breakfast
- 9:00 - 9:15** Welcome and Introductions
- 9:15 - 10:05** Larry D'Antonio, Ramapo College – An interesting four body problem: Euler, Knutzen, Kant, and the Comet of 1744
- 10:15 - 10:50** Andrius Tamulis, Governors State University – The Mathematics of Albrecht Dürer
- 11:00 - 11:15** Morning break
- 11:15 - 12:05** Michael Saclolo, St. Edward's University – Finding an Elephant in the Moon: Euler's Translation Baudouin de Guémadeuc's treatises on the "Satellite" of Venus
- 12:15 - 1:45** Lunch & Business Meeting

Erik Tou, Chair

- 1:45 - 2:35** Dominic Klyve, Central Washington University – Euler's role in the origin of the theory of natural selection
- 2:45 - 3:15** Ed Sandifer, Western Connecticut State University – A Survey of some of Euler's later work on Number Theory
- 3:15 - 3:30** Afternoon coffee break

3:30 - 4:45 **Reading Euler from Original Sources - Latin**
4:45 - 5:35 **Rob Bradley**, Adelphi University – The rules and principles of the differential calculus from l’Hôpital to Euler

6:00 **Dinner – arrangements TBA**

Tuesday, July 24

Rob Bradley, Chair

8:30 - 9:00 **Continental Breakfast**
9:00 - 9:50 **Lee Stemkoski**, Adelphi University – Euler's Proof of Fermat's Last Theorem for $n = 3$
10:00 - 10:20 **Salvatore J. Petrilli**, Adelphi University – Euler’s Infinitesimal Calculus: “Expressions that were a little hard to swallow”
10:30 - 11:00 **Morning break**
11:00 - 12:00 **The Euler Lecture: Stacy Langton**, University of San Diego – Euler's First Book: the *Mechanica*
12:00 - 1:45 **Lunch**

Larry D’Antonio, Chair

1:45 - 2:05 **Rosanna Cretney**, Open University – From publications to letters and back again: Euler’s early work on the Riccati equation
2:15 - 3:05 **John Snygg**, Upsala College – Some historical events that influenced Euler's life
3:15 - 3:30 **Afternoon coffee break**
3:30 - 4:45 **Reading Euler from Original Sources - French**
4:45 - 5:35 **Erik Tou**, Carthage College – A Stroll Through The Trigonometric Forest
6:30 **Conference Banquet** – The Lucky Duck, 9 Nassau Blvd., Garden City South

Wednesday, July 21

This session will be held in Post Hall, room 202

Stacy Langton, Chair

8:30 - 9:00 **Continental Breakfast**
9:00 - 9:50 **Rob Bradley**, Adelphi University – Render unto Bernoulli: The Origins and Contents of de l’Hôpital’s *Analyse*
10:00 - 10:20 **Ed Sandifer**, Western Connecticut State University – Euler’s *Tumultaræ*
10:30 - 10:45 **Morning Break**
10:45 - 11:45 **General Discussion**
11:45 **Closing remarks**