



From Carthage to the World: The Isoperimetric Problem of Queen Dido and its Mathematical Ramifications

Month: May 2010

Date: May 21--29

Name: From Carthage to the World: The Isoperimetric Problem of Queen Dido and its Mathematical Ramifications

Location: May 21-22, 2010: Tunis Science City, Tunis, Tunisia (Intensive Course); May 24-29, 2010: Barcelo Hotel, Gammarth, Carthage, Tunisia (International Conference).

Description

This conference aims to bring together experts on classical isoperimetric inequalities, sharp functional inequalities, and spectral inequalities for a week-long conference in Carthage, Tunisia, where the mathematical problem named after Queen Dido, the founder of Carthage, originated. The week-long gathering will serve as a training ground for young researchers and graduate students, incorporating an intensive program on techniques of rearrangement, spectral analysis, and geometric inequalities. The conference will serve as a means to bring together the many trends within isoperimetry.

Co-Sponsors

American Mathematical Society, European Mathematical Society, Tunisian Mathematical Society, CNRS, CIMPA. Funded by NSF, OISE, CNRS, SMT, Tunisian Ministry of Higher Education.

Application Deadline/Partial Travel Funding

March 15, 2010. Grad students, women, and researchers from underrepresented groups are encouraged to apply. Research articles will be peer reviewed and published.

Information

<http://math.arizona.edu/~dido>.

