

A FOCUS on MATHEMATICS COLLOQUIUM

Dali, "Flatland," and "A Wrinkle in Time": Gateways to the Fourth Dimension

Presented by:

Dr. Tom Banchoff

Professor of Mathematics at Brown University

Date:

December 8, 2004

Place:

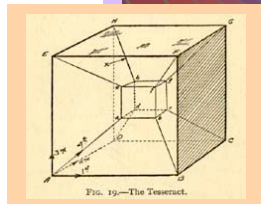
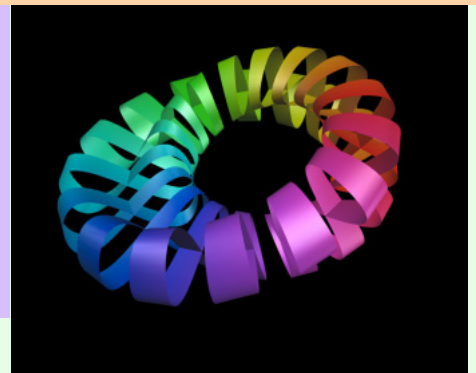
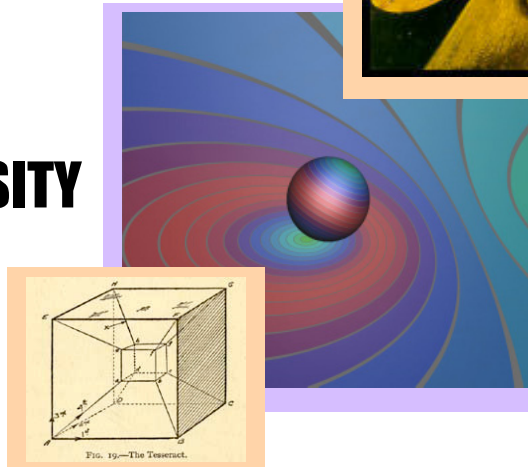
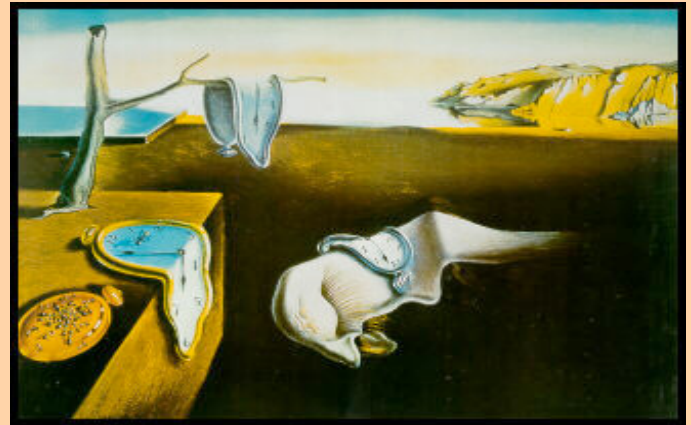
BOSTON UNIVERSITY

111 Cummington Ave.

ROOM 149

Time:

4:30-5:30 PM



What do "Flatland," "A Wrinkle in Time," and the surrealist paintings of Salvador Dalí have in common? They all explore geometric ideas in spaces beyond the third dimension and each of them can engage the imaginations of middle-and high-school students. Modern computer graphics make it possible to see and manipulate strange objects from the fourth dimension that were previously inaccessible to students, objects like the tesseract, the Klein bottle made of two Moebius bands, and torus surfaces in a hypersphere. The presentation will also feature new software for interactively investigating geometric figures on the Internet.



Reception to follow in Room 135 from 5:30 - 6:30 PM



Teacher Registration & RSVP by December 6, 2004

Please let us know if you plan to attend!

Contact Karina Dymina: karina@focusonmath.org

For more info & directions please visit: www.focusonmath.org



Focus on Mathematics is a unique partnership of mathematicians and educators from Boston University, Education Development Center, Inc., Worcester Polytechnic Institute, UMass Lowell, Lesley University, and five Greater Boston school districts: Arlington, Chelsea, Lawrence, Waltham, and Watertown.



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