



ICTS PUBLIC LECTURE

ICTS and School of Mathematics presents in collaboration with Ramanujan Mathematical Society, "A National Mathematics Year Event"

When MATHEMATICIANS use GEOMETRY to CUT CLOTH

A TALE FROM THE 18TH to the 21ST CENTURY

Some interesting questions about surfaces have been studied mathematically for centuries. For example, in 1772 Euler characterised the surfaces that can be covered with paper, allowing bending but not stretching, cutting or wrinkling. For cloth in place of paper, it would be a different question, as cloth is more flexible, and that was answered by Chebyshev in 1878.

In this talk we shall see how a ball can be clothed. The modern developments and unsolved problems on the theme will be discussed, through a blend of theory, applications, and pictures.

SPEAKER

Prof. Etienne Ghys
Ecole Normale Supérieure
Lyon, France

Professor Etienne Ghys is a Distinguished Professor of CNRS, France. He is a Fellow of the French Academy of Sciences of l'Institut de France and was one of the Plenary speakers at the International Congress of Mathematicians at Madrid (2006). D'Alembert medal of the French Mathematical Society (2010) and Docteur Honoris Causa of the University of Geneva (2008) are some of his numerous other honours. He has made important contributions in various areas of mathematics including Differential Geometry, Global Analysis, Dynamical Systems and Ergodic Theory.

LIVE WEB CAST 
<http://webcast.icts.res.in/Live/>

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13 APRIL 2012
FRIDAY · 4 PM

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