

Jawaharlal Nehru Planetarium

Bangalore Association for Science Education

**A special lecture by
Prof. Eberhard Bodenschatz, Max Planck Institute for
Dynamics and Self-Organization**

**on
20th July, 2013 (Saturday) at 4:45 pm at Jawaharlal Nehru
Planetarium.**

**Title
"Turbulences of the Heart"**

Abstract: After a very general introduction to the heart, the lecture will focus on the behavior of reaction diffusion systems and their application to the electrical excitation patterns of the heart muscle. And then explanation on the physics of cardiac fibrillation and present a new science based technique for a more humane way to reset the cardiac muscle. This technique called as LEAP for Low Energy Anti-fibrillation Pacing.

**More can be found at
[http://www.sciencedaily.com/releases/2011/07/110714072907.h
tm](http://www.sciencedaily.com/releases/2011/07/110714072907.htm)**

And in manuscript published in the journal Nature.

*** ALL ARE WELCOME ***