

Research Contracts & IP Services, University of Cape Town, presents a

# Café Scientifique

## Metal to Bone: A New Life



### Small Engineering Task – Huge Medical Achievement

- Our skeleton is a magnificently engineered structure, but are we taking it for granted?
- What if we lose a piece of our skeleton? What options do we have?
- Engineers and doctors have addressed skeletal replacements for over 4,000 years. Now there is growing technology that can salvage a damaged limb and avoid amputation.
- What is the next step in skeletal reconstruction and how does South Africa compare with the rest of the world?

Over a glass of wine, Dr George Vicatos, bio-engineer and bone implant designer, will talk about these challenges and the 21st century solutions.



Dr George Vicatos is a senior academic in the Department of Mechanical Engineering at the University of Cape Town. His passion for medicine has led him to apply his engineering skills to the design of major parts of the human skeleton and his metal implants are now working in more than 500 patients in South Africa and abroad. His research team has made a breakthrough in assisting the human body to regenerate itself and close missing bone structures. He is the owner of an orthopaedics company and holds numerous patents and awards.

In addition to the Café Scientifique event, you will be welcome to view the current exhibition at the gallery.



**Date:** Tuesday 21st January 2014

**Time:** 6 for 6:30 to 8pm

**Venue:** The Irma Stern Museum

**Address:** Cecil Road, corner of Chapel Road, Rosebank

**Tel:** 021 650 4015

**RSVP:** Please email [uctcafescientifique@gmail.com](mailto:uctcafescientifique@gmail.com) if you are interested in attending, indicating number of people. Please note that numbers are strictly limited. If space is available, an admission ticket will be sent to you.

Café Scientifique is made possible through the generous sponsorship of TIA.

