



College of Science, Engineering and Technology

# Symposium on the Application of Finite Elements in Physics and Engineering



## Background

**Prof Braun** has been using the method of finite elements in computational physics for more than **20 years** and has **published extensively in this area**. He has written a great deal of custom code as well as used some of the frameworks that are available as open source software.

In 2013 he was awarded the **University of South Africa Research Chair for High Performance Computing**, which has intensified his involvement with the topic. Thus, the **idea was conceived** that it would be fruitful **to offer a symposium** where a number of **leading finite element frameworks and libraries** would be introduced by their authors; giving an **opportunity to consider them side by side**, and also for **cross-pollination** between the different approaches.

**Another goal of the symposium:** to provide a **training opportunity** in the method of finite elements for researchers as well as graduate students from South Africa.

**Date:** 11 - 14 October 2016  
**Venue:** Unisa Science Campus  
Thamsanqa Kambule Auditorium  
**Time:** 08h15 – 16h00  
**RSVP:** Ms Thabiso Legong  
**Email:** legonta@unisa.ac.za  
**Tel:** 012 429 8045

Define tomorrow.

UNISA

