



**Invitation to attend Women in Engineering event,  
11 July 2018 (afternoon)  
iThemba LABS, Faure, Western Cape, South Africa**

**Relevant to Physicists!**

**Main event:** <https://indico.cern.ch/event/661919/overview>

**Women in Engineering event: 11 July 2018 (afternoon only)**

I would like to make a special request to you attend the 2018 Women in Engineering Event that is being organised on 11 July, since it is particularly relevant to Women in Physics. It is part of the international School for Real Time Systems in Particle Physics 2018<sup>1</sup>, organised regularly by the IEEE<sup>2</sup> Nuclear and Plasma Sciences Society<sup>3</sup>, through the IEEE Women in Engineering Affinity Group. This South African course is being organized jointly by IEEE NPSS and the South Africa-CERN consortium, and is focused on Real Time aspects of Radiation Detector Instrumentation.

The theme is “Women in STEM: Networking, Mentoring and Professional Development”, and we have some excellent speakers who will open a discussion.

Read more:

There is an opportunity to make an unusual impact through this Workshop. First of all, although the topic of the School appears specialised, the people attending are engineers, scientists, and technologists in a field where there are very few women; it is likely that women will be a minority in the audience.

Secondly, this event reaches young women at a stage that is known to be a critical time in career choices. The School for Real Time Systems in Particle Physics participants will be attended chiefly by graduate students. However, we are issuing invitations to university students and high school students from the region, as well as professionals in the field. It’s been shown that discussions of this kind have more impact on career choices than almost any other intervention.

Thirdly, many women in the engineering and scientific fields are unaware that the obstacles that they encounter in terms of gender are in fact well known, and that consequently they are not alone in their experiences.

This is an event for which CPD<sup>4</sup> points will be awarded by IEEE, which is the world’s largest technical professional organisation for the advancement of technology.

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<sup>1</sup> <https://indico.cern.ch/event/661919/overview>

<sup>2</sup> <https://www.ieee.org/>

<sup>3</sup> <http://iee-npss.org/> and <http://ieee-npss.org/women-in-engineering-wie/>

<sup>4</sup> Continuing Professional Development

