

ICPE-SAIP-WITS 2018

1 - 5 October 2018

Misty Hills Hotel and Conference Centre
Muldersdrift, Johannesburg, South Africa



UNIVERSITY OF THE
WITWATERSRAND
JOHANNESBURG



Welcome to South Africa

The co-hosts of the International Conference on Physics Education (ICPE), the South African Institute of Physics (SAIP) and the School of Physics, University of the Witwatersrand (WITS) jointly with The International Commission on Physics Education (C14) of the International Union of Pure and Applied Physics (IUPAP) are proud to welcome you to South Africa. The conference will be held at the Misty Hills Hotel and Conference Centre, Johannesburg located close to the Cradle of Humankind, a World Heritage Site and from the famous Pilanesberg National Park.

The theme of the conference is: "*Physics Education for Development: a focus on context*". The main objective of the conference is to create a platform to facilitate the interaction of various stakeholders that includes physics educators, postgraduate students, teachers, researchers and policy makers working in physics education research and in physics education, from schools, colleges, universities and governments from all parts of the world.

The conference programme will include a wide spectrum of presentations comprising keynote speakers, single and symposium oral presentations, poster presentations and workshops. Authors are invited to submit contributions across *eleven tracks* to share:

- ✚ Physics Education Research (both empirical and theoretical)
- ✚ Research and development (including classroom ideas, practical issues, development etc.)
- ✚ Teaching and learning practices (classroom ideas with minimal research aspects).

We look forward to see you in Johannesburg, South Africa to exchange scientific information, views and experiences on important issues in Physics Education by engaging with the scientific programme and also to participate in social events.

On behalf of the Organising Committee
Chair: Deena Naidoo

Abstract Submission - Important Information

The conference website and the abstract submission can be found on the **Indico (Integrated Digital Conference) system**.

- ✚ **STEP 1:** If you have an **existing SAIP Indico account (Please note that CERN Indico accounts or any other Indico account cannot be used on the SAIP Indico)**, you can access the ICPE-SAIP-WITS2018 [abstract submission platform](#) by clicking on the Login button then “log in to Indico (**STEP 2**)” thereafter you can submit an abstract (**STEP 4**).
- ✚ If you are a **new user on the SAIP Indico**, follow **STEPS 1 and 3** to create a new account. You will receive an email confirmation of your login details, thereafter you can submit an abstract (**STEP 4**).
- ✚ Please record your username and password for future use.

The screenshot shows the Indico login interface for the ICPE-SAIP-WITS 2018 conference. The page header includes the conference title, dates (1-5 October 2018), and location (Misty Hills Hotel and Conference Centre, Muldersdrif, Johannesburg, South Africa). The main content area is titled "Log in to Indico" and contains a login form with fields for "User Name" and "Password", and a "Login" button. Below the form are links for "If you don't have an account, you can create one here" and "Forgot your password? Click here". A left-hand navigation menu lists various conference-related links, including "Abstracts Submission" with sub-links for "View my abstracts" and "Submit a new abstract". Red arrows and labels indicate the following steps: STEP 1 points to the "Login" button in the top right corner; STEP 2 points to the "User Name" input field; STEP 3 points to the "If you don't have an account, you can create one here" link; and STEP 4 points to the "Submit a new abstract" link in the navigation menu.

- ✚ **STEP 4: ABSTRACT SUBMISSION-** enter the title of your presentation (Title Case – all words must be CAPITALISED) followed by the abstract content (Times New Roman 12 pt - you can cut and paste from an existing WORD document) –please ensure that if any text (title or abstract content) requires formatting and special characters, then click on the link shown on the left of the abstract box as indicated below.
- ✚ Do not include author names or affiliations in the title or content of your abstract as abstracts will be double blind reviewed. You can enter these details online during the next steps of the abstract submission process.
- ✚ Your abstract should not be longer than 500 words and should report on research or teaching aspects related to Physics Education. Current research work with preliminary results is welcomed as contributions.
- ✚ The abstract should contain text only (special characters are permitted) and should not include tables, figures, or equations.
- ✚ **References (not compulsory) -** Use Chicago style – e.g. D. Hestenes et al (1992) *Phys. Teach.* **30** 141.

The screenshot shows a web interface for submitting an abstract. On the left is a sidebar menu with the following items: Overview, Host Country and City, Cradle of Humankind South Africa, Pilanesberg National Park, Visitor South Africa, Conference Venue, Accommodation and Transport, Local Organising Committee, Programme Committee, Scientific Advisory Committee, Travel and VISA Information, Conference Tour, Local and National Tours, Abstracts Submission, and View my abstracts. The main content area is titled 'Abstract' and 'STEP 4'. It contains a 'Title *' text box, a large 'Abstract content (Max 500 words)' text area, and a 'Formatting & Special characters *' option. A red arrow points to the 'Formatting & Special characters *' option. Below the text area, it says '500 words left'.

✚ **STEP 5:** Next complete the on-line form, by selecting **PRESENTATION TYPE** (oral, poster, workshop or symposium)

- ✓ An **Oral Presentation** is defined here as a single presentation by an individual author. The duration of the presentation is 15 minutes followed by 5 minutes of discussion.
- ✓ **Poster Presentations** will be scheduled in the conference programme for 90 minutes on respective days. These presentations should include a graphic presentation of your research work. Dimensions of poster (A0: 84.1 mm × 1189 mm in "portrait" format).
- ✓ **Workshops** will allow presenters to enlighten and acquaint conference participants with an innovative approach, a teaching or research tool, or some other aspect of research or teaching practice through interaction with the audience. Workshops are scheduled for 90 minutes.
- ✓ **Symposium Presentation** – a symposium is scheduled for 90 minutes and is organized by a Chairperson and will contain *four oral presentations* (15 minutes each) pertaining to a common theme followed by 30 minutes of discussion. The chairperson is responsible for submitting the symposium title, abstract and details of the entire symposium, i.e. the chairperson must submit the four abstracts for each symposium.

✚ **STEP 6:** Insert details of the **PRIMARY AUTHOR AND CO-AUTHORS**. The Primary author is considered here as the presenting and corresponding author.

✚ You can submit more than one abstract (maximum four as the primary author) using the same login details. In addition, you can be a co-author on other presentation types (orals, posters, workshops or symposia).

✚ Please note that at least one author **must** register to attend and present at the conference.

STEP 7: TRACK CLASSIFICATION – Please select one track most appropriate for your abstract from the eleven buttons (Tracks A to K) otherwise choose Track L (Other) and elaborate in the Comment Box.

- Track A - Physics at University
- Track B - Physics at Primary and Secondary School Level
- Track C - Curriculum: Design, Development and Delivery
- Track D - Teaching and Learning of Physics Concepts
- Track E - Teaching and Learning of Laboratory based Physics
- Track F - ICT and Multimedia Revolution in Physics Education
- Track G - Assessment and Evaluation of Teaching and Learning in Physics
- Track H - Teacher Education and Training in Physics
- Track I - Physics and Interdisciplinary Issues
- Track J - Physics in an Informal and Non-Formal Environment
- Track K - International Networks and Collaboration in Physics Education
- Track L - Other (Please elaborate under comments below)

STEP 8: To complete your abstract submission, please click “Submit”. You will receive an e-mail confirming your submission. You can also view your abstract submission under “View my abstracts”.

Modification of abstracts: You can modify your abstract(s) at any time up to the submission deadline of 29 June 2018 by logging into the Indico system.

Abstract Submission and Registration Key Dates

Deadline for Abstract Submission: Extended to Friday, 29 June 2018

Notification of Abstract Acceptance and Presentation Type: Friday, 16 July 2018

On-line Registration: Open

Enquiries: If you have any queries regarding the submission process or you wish to withdraw an abstract, please email: ICPE2018@saip.org.za.