



International Workshop on SMART MATERIALS & DEVICES

7 – 8 DECEMBER 2026

University of the Western Cape · Cape Town · South Africa

Under the auspices of IEEE NTC Chapter — South Africa

CALL FOR ABSTRACTS & PRESENTATION

A two-day workshop where researchers, postgraduate students and industry partners present the latest advances in smart, responsive and multifunctional materials and devices. Oral and poster presentations are invited across the themes below.



SCIENTIFIC SESSIONS

Smart Materials in Water, Wastewater and Environment

- Organic, Inorganic Hybrid Nanomaterials
- Advanced Materials
- Nanocomposites, Nanostructure and Nanoporous Materials
- Water Purification and Treatment Technology
- Organic, Surface and Groundwater
- Industrial and municipal wastewater
- Membrane technology
- Environmental monitoring and protection

Sustainable & Biomedical Materials

- Nanomedicine and drug delivery
- Biomarkers and Therapeutics
- Biomimetic and Immunotherapeutic Nanostructures
- Bio-responsive nanostructures for drug delivery
- Bio-based & sustainable materials
- Biomedical smart materials
- AI / ML-guided materials design
- Modelling & characterisation



PRESENTATION CATEGORIES

Oral and poster presentations are invited under the following tracks: Smart Materials in Water, Wastewater and Environment and Sustainable & Biomedical Materials.

Oral (15 + 5 min) & poster (A0). Abstract 250–300 words. Submit via www.icsmd.co.za or [here](#).



KEY DATES

Abstract submission deadline

15 September 2026

Acceptance notification

30 September 2026

Camera-ready submission

01 October 2026

Workshop dates

7–8 December 2026



VENUE · PUBLICATION · CONTACT

Venue: 1A & 1B, School of Public Health, University of the Western Cape, Robert Sobukwe Road, Bellville 7535, Cape Town, South Africa.

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Programme, Publications & Local Organising Chairs to be confirmed. www.icsmd.co.za



KEYNOTES & AWARDS

- Best Oral, Best Poster & Best Student awards.



REGISTRATION

- [Register here](#)
- IEEE-member discount available. Includes sessions, materials, refreshments, & certificate

Who should attend?

Academics, postgraduate students & industry R&D

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