



# 22ND INTERNATIONAL CONFERENCE ON PASTE, THICKENED AND FILTERED TAILINGS

8-10 MAY 2019 | THE WESTIN | CAPE TOWN, SOUTH AFRICA

FIRST ANNOUNCEMENT

The Australian Centre for Geomechanics is pleased to announce that the 22nd International Conference on Paste, Thickened and Filtered Tailings will be held in Cape Town, South Africa from 8-10 May 2019, in collaboration with Paterson & Cooke. This will be the fifth time that the event will be held in Southern Africa: Pilanesberg (2001), Cape Town (2004), Botswana (2008) and Rustenburg (2012). Southern Africa, as a region, is water scarce and has experienced severe droughts for the last few years. Together with changes in local legislation requiring

facilities to be lined, there is a renewed interest in paste and thickened tailings and dry stack filter options in the region. Local attendance will target Southern African countries in particular, with delegates expected from Namibia, Botswana, South Africa, DRC and further afield. We look forward to welcoming you to Cape Town in 2019!

**ABSTRACTS DUE**  
**13 AUGUST**  
**2018**

## Conference Themes

- Thickening and filtration
- Transportation
- Rheology
- Surface disposal
- Underground and backfill
- Closure and rehabilitation
- Case studies
- Emerging issues and technologies

Collaborating Organisation



## Conference Co-chairs



**Professor Andy Fourie**  
Professor of Civil and Mining Engineering, The University of Western Australia, Australia



**Dr Angus Paterson**  
Managing Director  
Paterson & Cooke, South Africa

MONDAY   6 MAY	TUESDAY   7 MAY	WEDNESDAY   8 MAY	THURSDAY   9 MAY	FRIDAY   10 MAY
Paterson & Cooke Mine Backfill - Design and Operation Course	ACG Is the Future Filtered? Paste and Thickened Tailings Short Course	22nd International Conference on Paste, Thickened and Filtered Tailings		

Conference Dinner



## Why Filtered?

Previously the event series was titled “International Seminars on Paste and Thickened Tailings”; the updated title acknowledges the growth of this international event and industry’s interest in filtration.

Given the increasing scrutiny of the mining industry and its relatively poor record with regards to mine tailings management, increased requirements to minimise water usage (often accompanied by very high costs of water) and the need to demonstrate achievable long-term closure strategies, it is likely that the option of a filtered tailings system will need to be considered in many operations in future.

## ASSOCIATED EVENTS

### Paterson & Cooke Mine Backfill - Design and Operation Course

6 May 2019 | The Westin | Cape Town, South Africa

The one day backfill course will introduce the fundamental concepts of geomechanics and material properties that underpin decision-making when developing a backfill design. The course will examine the various elements that go into engineering and operating a backfill system, including plant/process design, underground reticulation design and backfill management planning.

### ACG Is the Future Filtered? Paste and Thickened Tailings Short Course

7 May 2019 | The Westin | Cape Town, South Africa

Facilitated by Professor Andy Fourie, The University of Western Australia. Drawing on experiences from a number of operational filtered tailings facilities, this short course will discuss available technologies, appropriate test programmes to determine relevant design parameters, operational challenges and cost comparisons.

## SPONSORSHIP OPPORTUNITIES

Sponsor and exhibitor opportunities are available for the 22nd International Conference on Paste, Thickened and Filtered Tailings. The conference is an excellent platform to enhance your presence in the market and position your organisation as one of the leaders in the industry. ACG sponsors and exhibitors enjoy numerous benefits, including:

- Direct access and exposure to a niche target audience
- Increased brand awareness
- Achieving a high profile association with an innovative and credible industry event

Details on Paste 2019 sponsorship packages are available from [www.paste2019.co.za](http://www.paste2019.co.za)

### Trade Exhibitor



### Name Badge Lanyard Sponsor



**Abstracts due 13 August 2018.**  
Submit your abstract via the authors portal at [www.paste2019.co.za](http://www.paste2019.co.za)

## PASTE 2019 CONFERENCE EXPRESSIONS OF INTEREST

- Delegate and registration queries contact [paste2019@patersoncooke.com](mailto:paste2019@patersoncooke.com)
- Sponsorship and trade exhibitor queries contact the ACG via [events-acg@uwa.edu.au](mailto:events-acg@uwa.edu.au)
- Author queries contact the ACG via [paste2019-acg@uwa.edu.au](mailto:paste2019-acg@uwa.edu.au)