

SOUTH AFRICAN JOURNAL OF CHEMICAL ENGINEERING

AUTHOR INFORMATION PACK

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DESCRIPTION

South African Journal of Chemical Engineering (SAJCE) is a fully open access title requiring authors to pay a publication fee once the paper has been accepted for publication. The journal aims to be the principal open access journal for publication of high quality, original papers in all areas of chemical engineering.

The journal has a particular interest in publishing papers on the unique issues facing chemical engineering taking place in countries that are rich in resources but face specific technical and societal challenges, which require detailed knowledge of local conditions to address.

Core topic areas are:

Environmental process engineering

- treatment and handling of waste and pollutants
- the abatement of pollution, environmental process control
- cleaner technologies
- waste minimization
- environmental chemical engineering
- water treatment

Reaction Engineering

- modelling and simulation of reactors
- transport phenomena within reacting systems
- fluidization technology
- reactor design

Separation technologies

- classic separations
- novel separations

Process and materials synthesis

• novel synthesis of materials or processes, including but not limited to nanotechnology, ceramics, etc.

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- novel developments related to the minerals beneficiation industry
- coal technology

Chemical engineering education

- guides to good practice
- novel approaches to learning
- education beyond university

Submissions are not restricted to the above fields and topics and the journal is keen to receive papers covering the broad range of topics within and allied to chemical engineering. This list is to include, amongst other topics, process safety; food engineering; bioprocess engineering; sustainability, thermodynamics and energy research.

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