



# 9TH SULPHUR AND SULPHURIC ACID HALF-DAY WORKSHOP | 2025

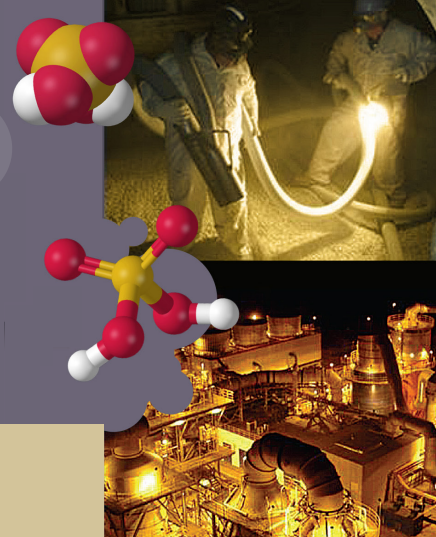
26 MAY 2025

TOPSOE Wet Gas Sulfuric Acid (WSA) Technology

PROTEA HOTEL STELLENBOSCH AND CONFERENCE CENTRE, STELLENBOSCH



ECSA Validated CPD Activity,  
Credits = 0.1 points per hour attended



Workshop is sponsored by

**TOPSOE**

Making Energy Transition

Registration Fee: R800

## Programme

- **Introduction TOPSOE and agenda**
- **General introduction to WSA technology**
  - Basic principles
  - History and development, e.g.
    - o From salt to gas/gas heat exchangers
    - o WSA Condenser
    - o Electrical acid mist control
    - o CleanSET™ for tail gas polishing
  - Application/industries
  - Achievable emission reduction and acid quality
  - Plant availability

### Break

- **Focus on WSA in the metallurgical industry**
  - Lay-out of WSA plant, flowsheet walkthrough
  - Equipment in WSA plants
  - Handling fluctuating flows and SO<sub>2</sub> content
  - Important considerations in operating a WSA plant
  - Lessons learnt from WSA plants in the metallurgical industry
  - Catalyst loading and screening, operator requirements, lab analysis

### Break

- **Project execution from Topsoe**
  - Timeline, engineering and HW supply
  - Quality assurance of engineering and HW supply
  - Topsoe support during commissioning, start-up and GTR
- **Topsoe support after start-up**
  - Technical Service department
  - Digital services, ClearView™, supporting cooperation
- **Q&A**

## Workshop Facilitators:



**Casper Frandsen**  
Topsoe  
*Key Account Manager*

Casper started his career back in 1991 at TOPSOE, where he took up a position as process engineer for Topsoe's new pilot plant facilities to develop Topsoe's technology for different Chemical processes. In 1995 he changed to TOPSOE's Research and development department, where he has worked with development of new catalysts and new technologies within TOPSOE.

In 2008 he took up the position in the Technical and Sales group as Senior Technical Advisor for some years before transferring to sales. Today he is Key Account Manager for Europe and Africa for the sales of TOPSOE's sulphuric acid catalyst and TOPSOE's SO<sub>2</sub> abatement technologies.



**Jenny Hedenblad**  
Topsoe  
*Senior Licensing Manager*

Jenny started her career at TOPSOE in 2002, when she took up a position as process engineer for TOPSOE's Wet gas Sulfuric Acid (WSA) technology for SO<sub>2</sub> abatement. Between 2010 and 2023 she worked as a Project Manager executing engineering and supply projects, mainly within the WSA technology. In 2023 she took up the position as Project Director for Clean Air technologies, including the WSA technology.

In 2024 she transferred to TOPSOE's commercial department, taking up the position she currently holds as Senior Licensing Manager for Clean Air technologies in Europe and North America.

## FOR FURTHER INFORMATION CONTACT:

Gugu Charlie, Conference and Events Co-ordinator

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