



AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

Process Simulation: From concept to operation and beyond

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Cristina Peretti, EMEA Applications Presales Manager, AVEVA

AVEVA

Panel

Your Panelists



Rosanna Ontano

R&D Research Associate Alkylates & OXO Alcohols

SASOL

Chemical Engineer with extensive experience in Technology Development across multiple functions. Currently serving as an R&D Associate focused on the Alkylate and OXO Alcohol value chain, bringing strong expertise in process innovation, optimization, and cross-functional collaboration.



Cristina Peretti

EMEA Applications Presales Manager

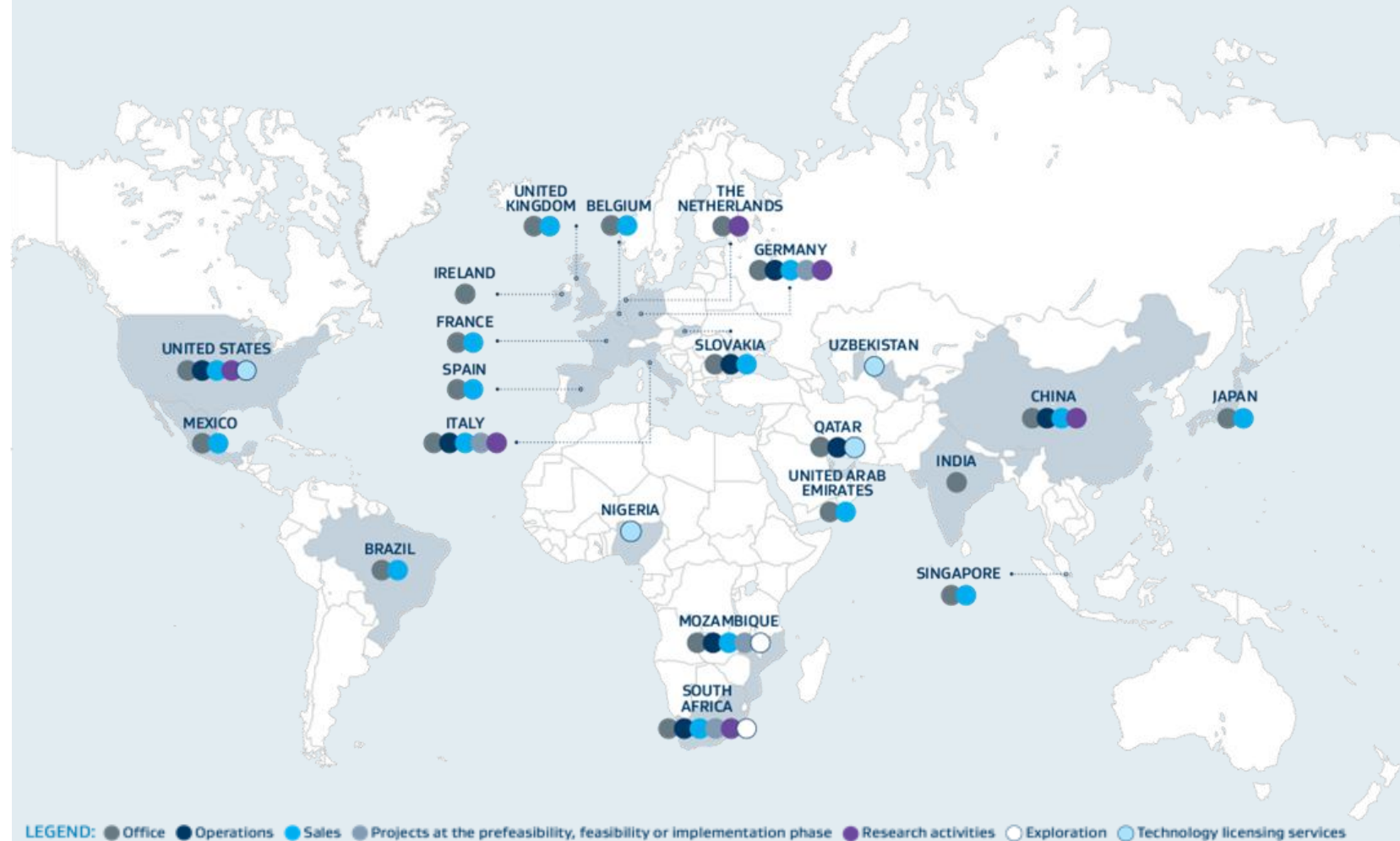
AVEVA

Chemical Engineer graduated both at the Politecnico of Torino and at the Royal Institute of Technology in Stockholm. With almost 20 years of experience in the Process Simulation field, currently leading the EMEA Presales team in AVEVA for the Applications portfolio, which includes Simulation, VCO and Midstream solution.

WHAT MAKES SASOL UNIQUE

- A workforce representing more than 75 nationalities
- Turnover (USD) 13.7 billion
- Market capitalization (USD) 5 billion
- Our SA & International Chemicals portfolio **delivers products to 7 000+ customer locations in 118 countries***
- Pioneer in innovative Fischer-Tropsch technology
- **Strong research and technology relationship** with clients to co-develop solutions
- One of the world's **leading producers of synthetic fuels**
- Well-established international **intellectual property portfolio** with **2 143 granted**, and **395 pending patents**, as well as **4 369 registered** and **115 pending trademarks**
- Committed to **net zero** emissions by 2050**

Sasol's business, global operational, research, sales and support sites, located in 22 countries



Evolution in Process Simulation



- **From one-off design studies to living operational models**
 - to troubleshoot unusual plant behaviour
 - to run rapid “what-if” studies when feed quality, product specs, or constraints change
- **Built-in agility to respond quickly to market volatility**
 - to test multiple feed scenarios
 - to simulate how changes in one plant propagate across the entire value chain
(being implemented)
- **Sustainability: from “check at the end” to a design and operations driver**
 - to design for low-carbon from the start
 - to identify operational changes on existing assets that reduce emissions
(tests in progress)
- **From process engineer’s tool to cross-functional decision platform**
 - to support Operations, Planning, Supply Chain and Sustainability teams
(evolution in progress)

Despite the clear benefits, the transformation will only succeed if we maintain focus and efforts with...AVEVA support!

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ABOUT AVEVA

AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

Learn more at www.aveva.com