

Department of Chemistry
Departmental Seminar Series: Analytical Chemistry

You are cordially invited to a face-to-face lecture presented by



Dr. Johann Fischer

Senior Scientist – Elemental Analysis, Sasol, Research and Technology, Analytics, Sasolburg

Date: Friday, 19 May 2023
Time: 11h30
Venue: The Orbital (Room 3-1 Chemistry Building)

**Analytical Chemistry – a career in science from
classroom to industry.**

Dr Fischer is an alumnus of the UP Department of Chemistry (1987 – 1996) where he completed a PhD in Analytical Chemistry on the kinetics of selenium atomization in a graphite furnace AAS. He started his career in academia as lecturer in Analytical Chemistry at UJ (former RAU) where he taught Chemistry to Chemical engineering students. He focused on elemental analysis as field of expertise and received training on ICP-MS in Belgium at the University of Gent under Prof, Dr Vanhaecke. After becoming Senior Lecturer with NRF rating he became closely involved in post graduate research studies and trained several MSc students. He then joined Sasol where he has been part of the Research and Technology (R&T) team and working as Senior Scientist in the Analytics team for a good 16 years now. In this personal reflection of his career thus far, he will be sharing his experiences of how it is like to be an Analytical Chemist / Scientist in industry, what value Analytical Chemistry brings to a manufacturing business like Sasol, and he aims to upset his colleagues in academia by hinting that they should include some messy and boring topics in the curriculum of Analytical Chemistry like sampling, statistics, and uncertainty estimations.

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