

Siegfried Valentin Förtsch

Curriculum Vitae

iThemba Laboratory for Accelerator Based Sciences (iThemba LABS)

P.O. Box 722

7129 Somerset West, South Africa

Contact: fortsch@tlabs.ac.za, 021 8431022, 0833028715

Current Position: Senior Researcher at iThemba LABS

Date and place of birth: 17 May, 1963, Bad Krozingen, Germany

Academic Qualifications: 1983 – 85 BSc, University of Pretoria
1986 BSc. Hons, University of Pretoria
1987 MSc, University of Pretoria
1988 – 92 PhD, University of Pretoria

Current Research Interests: Study of the dynamic evolution of the quark-gluon plasma through the production of electroweak bosons, heavy flavour and quarkonia in ultra-relativistic heavy-ion and proton-proton collisions.

Positions:

September 1994 – August 1995	Research fellow at the Institut für Kernphysik, Jülich, Germany.
April 1996 – December 2003	Secretary of the Programme Advisory Committee of iThemba LABS.
1999	Co–editor of: "The Nucleus: New Physics for the New Millennium", 1999 Kluwer Academic Plenum Publishers, New York.
25 – 27 June 2007, 3 December 2008	Appointed as Technical Assessor by SANAS of the NMISA Radioactivity Laboratory, Rosebank, Cape Town.
Since January 2001	Supervisor of ten MSc students and three PhD students.
May 2008	Appointed as Reviewer by Monitoring and Evaluation unit of NRF
Since 2008	Member of the ALICE experiment at CERN
November 2007 – December 2015	Secretary of the SA-CERN Program.
Since August 2008	Deputy Team Leader of the SA-ALICE group
September 2010	Appointed as representative of ALICE in a meeting of SA-CERN committee management with the DST in Pretoria

Since October 2010	Perform regular shifts as Shift leader on the ALICE experiment, CERN.
October 2010	Appointed as South African Representative at the Resources Review Board meeting at CERN
August 2011 - May 2012	Chairman of the Organizing Committee of the MUON Workshop 2012.
October 2012	Period Run Coordinator on the ALICE experiment, CERN.
Since 2014	Member of the presentation team of the International Masterclass event in Particle Physics held annually at iThemba LABS.
November 2012 – November 2013	Member of the Local Organizing Committee of the 6 th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2013).
November 2013 – December 2014	Member of the Local Organizing Committee of the 3 rd International Workshop on Discovery Physics at the LHC 2014.
2016	Run Coordinator of the ALICE experiment, CERN.
Since March 2017	Member of the Conference Committee of ALICE
November 2017 – December 2018	Member of the Local Organizing Committee of the 5 th International Workshop on Discovery Physics at the LHC 2018.
August 2018 - April 2019	Chairman of the Organizing Committee of the MUON Workshop 2019.

Scientific Output:

Supervised postgraduate students to both MSc as well as PhD degrees.

More than 100 publications both in international journals as well as contributions to the proceedings of international conferences.