

CONTACT US!

We would be absolutely delighted to tell you more about our work or about opportunities to study and do research in theoretical physics at Stellenbosch University.

Up-to-date information is always available on the website of the Institute:

<http://www.physics.sun.ac.za/theory>

or write to:

PROF. HERBERT WEIGEL
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**INSTITUTE OF THEORETICAL
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STELLENBOSCH UNIVERSITY
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MATIELAND, STELLENBOSCH
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**Institute of
Theoretical Physics**

**University of
Stellenbosch**



Theoretical Physics at Stellenbosch University

THE INSTITUTE OF THEORETICAL PHYSICS

Theoretical physics at Stellenbosch University has a rich tradition and history. A broad and dynamic range of fields in theoretical physics is actively being studied and taught.

Some of our activities are linked to those of other sciences Departments at Stellenbosch University and to the National Institute of Theoretical Physics, whose main node is also located in Stellenbosch.

THE HISTORY

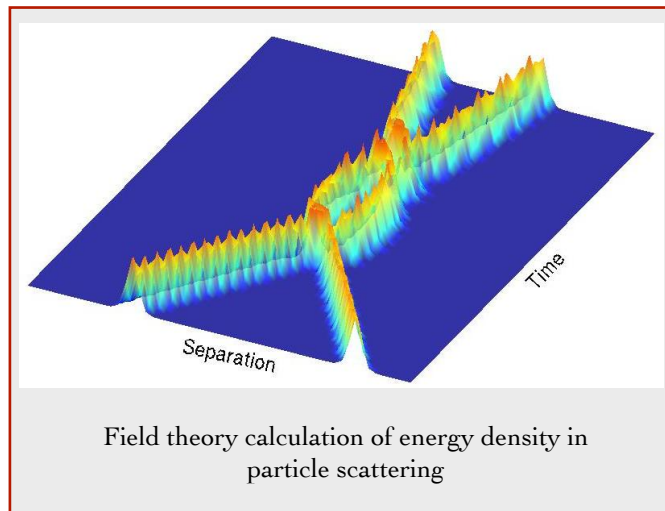
The Institute of Theoretical Physics (originally named Institute of Theoretical Nuclear Physics) was founded in 1984 with the support of the Nuclear Development Corporation of South Africa.

The fundamental objectives of the Institute still are to undertake research projects in theoretical physics, to assist in the education of graduate students and to provide a centre for the development and co-ordination of activities in theoretical physics in the Physics Department and elsewhere.

OUR RESEARCH

Research in theoretical physics includes, but is certainly not restricted to, aspects of field theory, statistical and condensed matter physics. Some current topics are:

- Quantum field theory
- Condensed matter physics
- Soft condensed matter physics
- Bayesian analysis



OUR DEGREE PROGRAMMES

In addition to the stream in theoretical physics for the B.Sc in Physics we offer the following on the post-graduate level:

- a *B.Sc.Hons.* course in Physics with specialising in Theoretical Physics,
- *M.Sc.* and *Ph.D.* research degrees specialising in theoretical physics, but also with interdisciplinary work.

COLLABORATION

Members of the ITP are also active in the National Institute for Theoretical Physics and the African Institute for Mathematical Sciences.

