Quantum Physics and Spiritual Science

The quest for the foundations of the material world – led by Martin Wigand

Quantum Physics is regarded as the most precise and most successful theory Physicists have ever developed. And yet, even after nearly 100 years since its origin, there is no agreement amongst scientists and philosophers on how to understand its paradoxical experiments. One of the best known German physicists of the 20th century, Hans-Peter Dürr, summed it up like this: "Matter is basically not matter. ... I have worked for fifty years about matter which does not exist at all. We cannot imagine it.... There are only relational structures, there are no objects. The question of what is and what exists can no longer be asked in this way."

In this workshop we will try to understand how a leading expert like him can come to such a puzzling conclusion. We will also explore a way to make sense of it by looking at how mathematics, which is so successful in Quantum Mechanics, overcomes its paradoxes. In the end, we will look at what Rudolf Steiner says about matter.

Participants don't need special knowledge of Physics or Mathematics.

Martin Wigand has a Master degree in Physics. For three years he worked at the University of Heidelberg in a team creating and investigating artificial atoms ("Myonic Helium"). The paradoxes of Quantum Physics have fascinated him since his days at high school. Last year he published a book in German (not yet translated): "Quantum Physics, Anthroposophy, Logos Mystery – What is real?"

DATE & TIME: **Saturday 12 March – 9 am till 12**

ADDRESS : **Sophia House, 18 Firfield Rd Plumstead**

COST: **R 60**

BOOKING : **Booking essential coordinator@aswc.org.za**
a number of negotiable bursaries are available for teachers and students upon request