

SCIENTIFIC SEMINAR SERIES

24 August 2022

Bad vibrations: Quantum tunnelling and SARS-CoV-2 infections

Time: 11h30 | Wednesday, 24 August 2022

Venue: STIAS, Stellenbosch Campus or virtually*

Presenter: Professor Francesco Petruccione

The SARS-CoV-2 pandemic has added new urgency to the study of viral mechanisms of infection. But while vaccines offer a measure of protection against this specific outbreak, a new era of pandemics has been predicted. In addition, COVID-19 has drawn attention to post-viral syndromes and the healthcare burden they entail. It seems integral that knowledge of viral mechanisms is increased through as wide a research field as possible. Quantum biology might offer essential new insights into the problem, especially with regards to the important first step of virus-host invasion.

*Please [register](#) in advance for this seminar. In-person attendance is limited to 30. The seminar will be followed by a lunch at STIAS, please RSVP by no later than **19 August** if you will be staying for lunch. After registering, you will receive a confirmation email with information about joining the seminar. We look forward to seeing you and advancing high-level science in Africa.