



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

The Centre for the Advancement of Scholarship

cordially invites you to a symposium

QUANTUM THEORY IN PHYSICS and BEYOND

followed by the book launch of Prof Jan Boeyens' *The Chemistry of Matter Waves*

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| Wednesday 19 February 2014 Sci-Enza Auditorium University of Pretoria, Main Campus | | |
| SESSION 1 Chair Prof Johann Engelbrecht | | |
| 14:00 – 14:30 | Opening and welcome <i>Quantum Chemistry</i> | Prof Jan Boeyens, Centre for the Advancement of Scholarship |
| 14:30 – 15:15 | <i>Thackeray's Biological Species Constant (T = -1.61)</i> | Prof Francis Thackeray, Evolutionary Studies Institute (WITS) |
| 15:15 – 15:30 | Tea Break | |
| SESSION 2 Chair: Prof Johann Engelbrecht | | |
| 15:30 – 16:15 | <i>We frame problems in terms of solutions we know how to deliver</i> | Dr Vimal Ichharam, Philosopher of Science |
| 16:15 – 17:00 | <i>Stationary electronic-waves and moving charge-carriers within a metal-crystal</i> | Prof Johan Prins, physicist, discoverer of RT superconductivity |
| <u>Book Launch</u> <i>The Chemistry of Matter Waves</i>, Professor JCA Boeyens Centre for the Advancement of Scholarship, Old College House University of Pretoria, Main Campus | | |
| 17:30 – 17:35 | Welcome – Prof Johann Engelbrecht | |
| 17:35 – 17:45 | Prof de la Rey | |
| 17:45 – 18:00 | Prof Boeyens | |
| 18:00 – 18:05 | Prof Johann Engelbrecht | |
| 18:05 – 19:30 | Refreshments | |

RSVP: kindly RSVP to stella.mpisi@up.ac.za on or before **14 February 2014**.

- Refreshments will be served
- Please indicate any dietary and/or parking requirements
- Persons with physical disabilities are kindly requested to contact the abovementioned person if assistance is required.
- For more information, please contact Ms Stella Mpisi on 012 420 2653 or stella.mpisi@up.ac.za