

Release date: 24th March 2010

Winner announced for the 2010 Lee Osheroff Richardson North American Science Prize.

Oxford Instruments is pleased to announce the 2010 winner of the Lee Osheroff Richardson North American Science Prize is Dr Vivien Zapf, from the National High Magnetic Field Laboratory in Los Alamos.

Dr Zapf is recognized for notable achievements in making the definitive experimental verification of the applicability of the Bose-Einstein condensation universality class to magnetic field-induced phases in quantum magnets, requiring the development of experimental techniques at ultra-low temperatures. Dr Zapf graduated at the University of California and then took a postdoctoral position at Los Alamos National Laboratory in New Mexico. Dr Zapf has been presented with the prize by the Nobel Prize winner Dr Lee at the Oxford Instruments "Socialize with Science" event at the APS2010 March show in Portland, USA.



From left to right: Dr Greg Boebinger, Dr Vivien Zapf and Nobel Prize winner Dr David Lee.

Professor Bruce Gaulin from Mc Master University and Prize Committee Chairman commented: "Dr. Vivien S. Zapf was selected from a very strong cohort of nominees. Her selection was in recognition of her careful and innovative work at low temperatures and high magnetic fields, which elucidated the nature of the Bose-Einstein condensate in the quantum magnet $\text{NiCl}_2 \cdot 4\text{SC}(\text{NH}_2)_2$ and for sustained contributions to the low temperature characterization of new materials."

The Lee Osheroff Richardson North American Science Prize, endorsed by the British Embassy Washington DC, is named after David M. Lee, Douglas D. Osheroff and Robert C. Richardson who were joint winners of the Nobel Prize in Physics in 1996, for their discovery of superfluidity in ^3He . The prize winner receives \$8000, a unique trophy and certificate and the opportunity to present their work at a conference. Nominations are assessed by a committee of senior scientists from across North America.

Previous winners of the prize are Dr. Christian Lupien, Dr. Jason Petta, Dr. Suchitra Sebastian and Dr. Eunseong Kim.

More information on the prize can be found at: www.oxford-instruments.com/scienceprize

Issued for and on behalf of Oxford Instruments NanoScience



-ends-

Issued for and on behalf of Oxford Instruments NanoScience

For further information and electronic copies of the images please contact:

Sophie Walker
Marketing Communications Manager
Oxford Instruments NanoScience
e. sophie.walker@oxinst.com
t. +44 (0)1865 393349
f. +44 (0)1865 393333

Notes to editors

About Oxford Instruments NanoScience and Oxford Instruments plc.
Internationally recognised as world leaders in superconductivity and ultra low temperature cryogenic environments, Oxford Instruments NanoScience is driving innovation in these fields. The company's leading-edge technologies support research in nanotechnology, solid state and condensed matter physics. Combining outstanding technical expertise, original thinking and a commitment to meeting customers' needs, Oxford Instruments NanoScience enables real advances both in research and commercial applications by providing the high quality technological environments needed to meet demanding experimental requirements. Oxford Instruments NanoScience is part of the Oxford Instruments plc group.

Oxford Instruments aims to pursue responsible development and deeper understanding of our world through science and technology. We provide high technology tools and systems for industrial and research markets, based on our ability to analyse and manipulate matter at the smallest scale. Innovation has been the driving force behind Oxford Instruments' growth and success for over 50 years, and its strategy is to effect the successful commercialisation of these ideas by bringing them to market in a timely and customer-focused fashion.

The first technology business to be spun out from Oxford University over fifty years ago, Oxford Instruments is now a global company with over 1,300 staff worldwide and a listing on the London Stock Exchange (OXIG).

Our objective is to be a leading supplier of next generation tools and systems for research and industry. This involves the combination of core technologies in areas such as low temperature and high magnetic field environments, Nuclear Magnetic Resonance, X-ray electron and optical based metrology, and advanced growth, deposition and etching. Our

products, expertise, and ideas address global issues such as energy, environment, terrorism and health and are part of the next generation of telecommunications, energy products, environmental measures, security devices, drug discovery and medical advances.