



APPENDIX - 13

CSIR-NPL Colloquium Series

S. No.	Date	Speaker & Affiliation	Title of the talk
1	April 4, 2012	Dr. Jan-Theodoor Janssen, National Physical Laboratory, UK	Universality test of the quantum Hall effect using epitaxial graphene
2	May 16, 2012	Prof. Subodh R Shenoy, Indian Institute of Science Education and Research, Trivandrum	Martensite domain growth after a deep quench: Golf holes and entropy barriers
3	June 27, 2012	Dr. Rahul Mhaskar, NIST, Boulder, CO, USA	Chip-Scale Atomic Magnetometry: Fundamentals and Applications in Biomagnetism
4	June 27, 2012	Prof. R Rajaraman JNU, New Delhi	The discovery of the higgs boson and its significance (Distinguished Scientist Lecture)
5	June 29, 2012	Dr. D P Bhatt, Intellectual Property Rights Management Group, NPL	Pre-patenting & other IP related issues (in house Lecture)
6	August 03, 2012	Prof. Guglielmo M Tino University of florence, Italy	Cold atom interferometers and optical clocks
7	August 06, 2012	Dr. Bindiya Arora Guru Nanak Dev University, Amritsar	Uncertainty budget for atomic and optical frequency standards
8	September 14, 2012	Prof. Balram Bhargav AllMS, New Delhi	Challenges and opportunities for healthcare innovation in india (Distinguished Scientist Lecture)
9	September 21, 2012	Prof. Anjan Kumar Gupta, IIT KANPUR	Hysteresis in superconducting weak links and micron size SQUIDs
10	October 11, 2012	Dr. Sanjay Kumar Srivastava CSIR-NPL, India	Silicon Nanowire Arrays for solar cell applications (In house Lecture)
11	November 30, 2012	Prof. Mukund P Das, Australian National University, Australia	Superconductivity for everyone: 101 years for its discovery (Distinguished Scientist Lecture)
12	January 10, 2013	Prof. Jagadeesh S Moodera MIT, Cambridge, MA, USA	Spin Filtering, internal exchange interaction at the molecular level (Distinguished Scientist Lecture)
13	February 15, 2103	Prof. Klaus Jungmann, University of Groningen, The Netherlands	A Single Ra+ Ion to Measure Atomic Parity Violation and as an Oscillator of an Atomic Clock (Distinguished Scientist Lecture)

