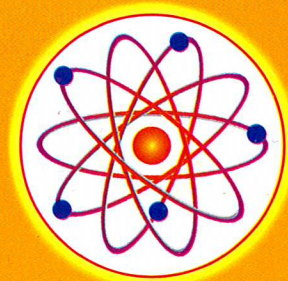




Souvenir

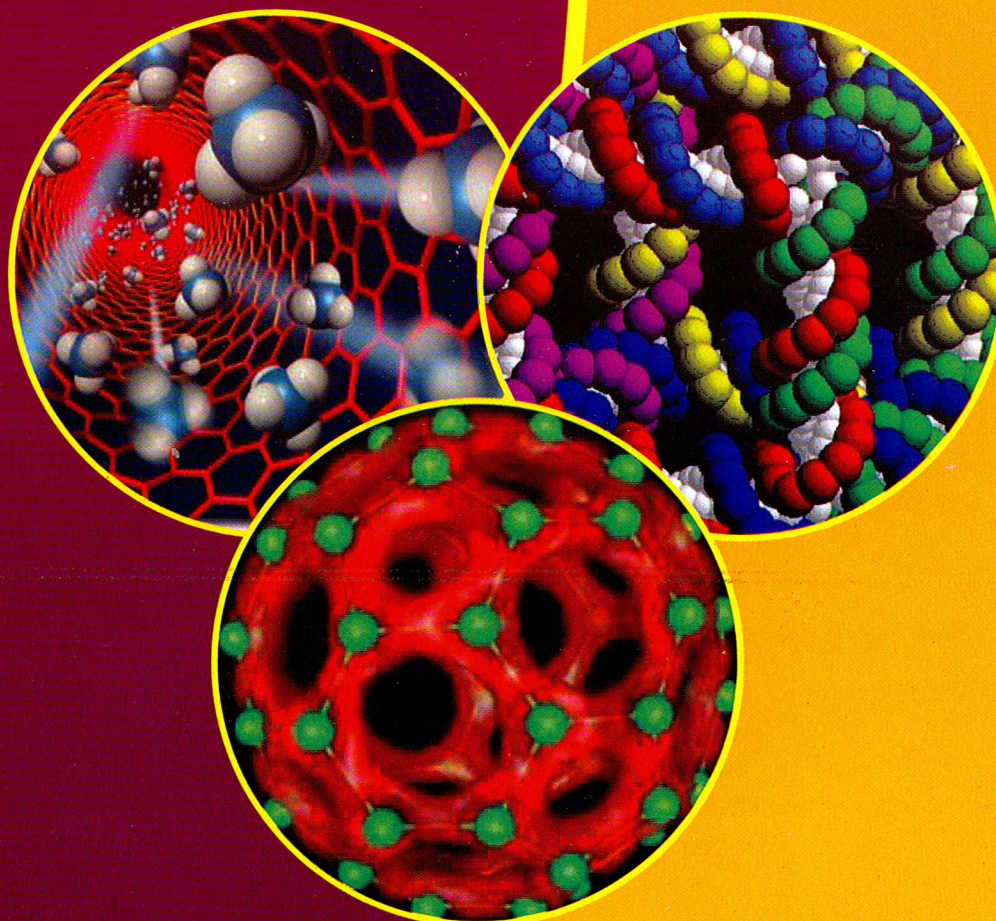


CDAMOP 2011

**3rd International Conference on Current Developments in
Atomic, Molecular, Optical & Nano Physics with Applications**

Co sponsored by : LASTEC, DRDO, Delhi, India

**December 14th - 16th 2011
New Delhi, India**



Prof. Man Mohan
Dept. of Physics and Astrophysics
University of Delhi



INVITED SPEAKERS



Prof. Yoshiro Azuma

Sophia University Faculty of Science and Technology (Department of Materials and Life Sciences, Faculty of Science and Technology (Department of Materials and Life Sciences)

Title of the talk – “VUV Fluorescence Lifetime Measurements of Rare Gases with Synchrotron Radiation”



Prof. Man Mohan

Department of Physics & Astrophysics
University of Delhi, Delhi-110007 India

Title of the talk – “Non-Linear Multiphoton Processes in Quantum Dot Involving Spin-Orbit Interactions”



Prof. Markus Kohler

Max-Planck Institute fuer Kernphysik,
Saupfercheckweg 1, 69117 Heidelberg, Germany

Title of the talk – “High Harmonic generation via continuum-continuum transitions or Rabi Oscillations”



Dr. Carla Figueira de Morisson Faria

Department of Physics and Astronomy, University College London
Gower Street, London WC1E 6BT

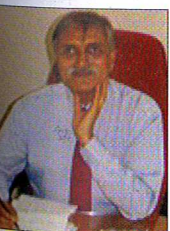
Title of the talk – “ High-harmonic generation and nonsequential double ionization : quantum interference, causality, excitation and the role of multiple orbitals”



Prof. Jens Biegert

The Institute of Photonic Sciences
Mediterranean Technology Park
Av. Del Canal Ibarcelona) SPAIN

Title of the talk – “Attoscience and Ultrafast Optics at IFCO”



M. K. Mishra, Professor

Department of Chemistry
Indian Institute of Technology Bombay
Powai, Mumbai 400076

Title of the talk – “Photodynamic Control of Selective Bond Dissociation”



Prof. Hiroki Nakamura

Director General, Institute for Molecular Science,
Myodaiji, Okazaki 444-8585, Japan
Vice President, National Institutes of Natural Sciences
Toranomon 4-3-13, Tokyo, Japan

Title of the talk – “Laser Induced Nonadiabatic Transition and Control of Chemical Dynamics”

**Dr. Kishor T. Kapale**

Assistant Professor, Department of Physics,
Western Illinois University,
Macomb, Illinois

Title of the talk – “Sun Nanoscalenonadiabtic transition and control of chemical dynamics”

**Prof. Dr. E. K. U. Gross**

Director
Max Planck Institute of Microstructure Physics
Weinberg 2

Title of the talk – “Time dependent potential energy surfaces for molecules in strong laser pulses”

**Dr. Debabrata Goswami**

IIT Kanpur
India

Title of the talk – “Spectroscopy with ultrafast laser pulses containing a few opticalcycles”

**Dr. Anil K. Razdan**

Scientist “F” and Additional Director
Laser Science & Technology Centre, Delhi

Title of the talk – “Laser based stand-off sensing of chem..-bio agents and toxic industrial chemical”

**Prof. Emile Biémont**

Research Director of the FNRS
InstPhysNucléaire, Atomique& de Spectroscopie
Université de Liège IPNAS

Title of the talk – “Recent Progress in the Investigation of Radiative Parameters of Heavy Elements ($Z>37$)”

**Dr. Sultana Nurun Nahar (APS Fellow)**

Senior Research Scientist, Department of Astronomy ,
The Ohio State University, 140 W. 18th Ave, Columbus, OH 43210.

Title of the talk – “Photoionization, Photoexcitation, and Astrophysical Opacities: The Iron Project.”

**Prof. Adoui Lamri**

CIMAP

Title of the talk – “Low Energy Ions: a probe and a tool for studying complex systems”