



Press release

27 May 2010

Seeing Single Molecules Popular Science Talk by Prof. Arindam Chowdhury, IIT-Bombay

Prof. Arindam Chowdhury (**Department of Chemistry Indian Institute of Technology Bombay**) will speak to school students about his research on, “**Seeing single molecules**” at the NCL Innovation Park on SUNDAY, 30th May 2010 (Sunday) at 10.00 am. This talk is part of the Exciting Science Group “Popular Science Talks” that is aimed at connecting practicing scientists with school students.

In the previous talk in this series (held on 2nd May), NCL chemist Dr. Magesh Nandagopal, demonstrated experiments to discuss the science behind foods, and showed how common kitchen ingredients could be used as chemical “reagents” to do fun science at home. Dr. Magesh’s talk was attended by about 110 school students from several schools all over Pune. The talk concluded with a spectacular demonstration of preparing ice cream by cooling with liquid nitrogen and the students also got to taste this ice cream.



Popular Science Talks are free of cost and are open to all school students between 8th and 10th standard, and to science teachers. To attend this talk, please register by sending an email to register@excitingscience.org. More information is available at the website: www.excitingscience.org

The Exciting Science group and Venture Center are also hosting, “Saturday Science Videos”. These are screenings of selected videos related to science and technology, held between 4 to 5.00 pm every Saturday over the summer, at the Venture Center. These informal screenings are open to all and do not require registration.

The NCL Outreach initiative is supported by Venture Center, Battelle India, Forbes Marshall and Praj.

**Notes to Editor:**

National Chemical Laboratory (www.ncl-india.org), Pune, India is a research, development and consulting organisation with a focus on chemistry and chemical engineering. It has a successful record of research partnership with industry. National Chemical Laboratory (NCL) is a flagship laboratory of the Council of Scientific & Industrial Research (www.csir.res.in) which is the largest network of publicly funded research institutes in India.

Prof. Arindam Chowdhury is an assistant professor at the Department of Chemistry, IIT-Bombay. Prof. Chowdhury joined IITB after completing his Ph.D. at the Carnegie Mellon University, USA; and his M.Sc. from IIT-Kanpur. Prof. Chowdhury's research uses single-molecule fluorescence imaging and spectroscopy to probe dynamics in chemical, biological and materials systems.

About the Exciting Science Group:

Exciting Science Group is a group of NCL ([National Chemical Laboratory, Pune, India](http://NationalChemicalLaboratory.Pune.India)) scientists who wish to share the excitement of science with school children. Our goal is not to "teach" science but to "excite" children. We hope that these efforts will excite some children to take up careers in science and technology while others may grow up to cheer and support the progress of science. ExcitingScience.Org is the website of this group. The current activities of this group include:

- Popular talks for school children: Talks by researchers and practitioners on various topics in science, technology and mathematics for school children in the 8th-10th standard (12-15 years old).
- Reach out to selected local schools: Talks and demos at selected local schools (typically, disadvantaged) to excite children about science.
- Mentoring school students for science fair projects
- Screenings of inspiring science and technology videos.

About Venture Center:

[Venture Center](#) – a CSIR initiative – is a not-for-profit company hosted by the National Chemical Laboratory, Pune. Venture Center strives to nucleate and nurture technology and knowledge-based enterprises by leveraging the scientific and engineering competencies of the institutions in the Pune region in India. The Venture Center is a technology business incubator specializing in technology enterprises offering products and services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering.