



NCL Academy

- A project of the Venture Center -
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From
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Subject: Announcement of course “**Structural characterization using rheological and small angle scattering**”, Course Director: **Dr K. Guruswamy**; Dates: 26-28 November 2008. Venue: NCL and NCL Innovation Park, Pune.

Dear Sir/Madam,

We are happy to announce that we are running a course titled “*Structural characterization using rheological and small angle scattering*” designed by Dr K. Guruswamy (Course Director), Scientist, Complex Fluids and Polymer Engineering Group, National Chemical Laboratory. The course dates are 26-28 November 2008. The venue shall be NCL and NCL Innovation Park.

The course aims at giving practicing industry scientists hands-on exposure to structural characterization of soft materials, viz. polymers, colloids, dispersions, etc. using rheology and static and dynamic light scattering and small angle X-ray scattering. The course combines lectures describing basic concepts, case-studies describing data treatment and analysis and hands-on sessions in the laboratory on various rheometers (shear and capillary rheometers from different manufacturers), and on light and small angle X-ray scattering equipment. The course instructors include Dr K Guruswamy, Dr AK Lele and Dr Suresh Bhat from NCL.

Interested persons are invited to sign-up for the course before 15 September 2008. Enrollment in the course is limited to the first 24 registrants. Participants are encouraged to describe the materials that they are interested in and the structural characterization that is relevant to their applications in the registration form - for example, lamellar morphology or orientation in semi crystalline polymers or particle size distribution in colloidal dispersions, etc. This will also help the instructors customize their lectures to suit the interests of the participants. Participants are also welcome to send us a few samples that are typical to what they encounter. The instructors shall also attempt to incorporate an analysis of these materials into the course and laboratories so as to make the course immediately relevant to the needs of the participants.

This course is being run under the aegis of the NCL Academy project of the Venture Center located at NCL Innovation Park. NCL Academy is an effort to run tailored professional training programs for industry and entrepreneurs leveraging the expertise of NCL and other such organizations.

NCL Academy looks forward to your participation in this course!

Yours sincerely,

Piyush Joshi

Enclosures:

- Course announcement
- Course registration form