

17 February 2016

Public lectures

It is a liquid! No, it is a solid! No... Liquid Crystals are both!! By some called the fourth state of matter, this remarkable type of material finds applications in computer screens and the fabrication of super strong fibres. In a series of three public lectures, salient aspects of Liquid Crystals are highlighted.

Lecture

10:00 - Tweezing with a twist

Optical imaging and laser tweezing of the micro-world with live demonstrations

Roel Dullens and Arran Curran, University of Oxford, UK

Lecture

11:30 - Liquid crystals: smart structured fluids for applications

Flat-screen TVs, smart materials and living cells

David Dunmur, University of Manchester, UK

Demonstration

12:30 - Making filaments made easy: a do-it-yourself experiment in fibre technology

Erik Westerhof, Teijin Aramid BV, The Netherlands

Venue Zwarte Doos TU/e campus, 5612 AZ Eindhoven

More info <http://distruc.eu>