## Abstract Submitted for the MAR12 Meeting of The American Physical Society

DNA coated rods: pure Biological materials for self assembly studies RAFAEL CABANAS, SETH FRADEN, Brandeis University, DR. ERIKA EISER GROUP CAMBRIDGE UNIVERSITY, UK. COLLABORATION — We will present a way of coating Fd virus, a model of colloidal liquid crystal, with DNA. The DNA coating provides new interesting tunable properties to control the liquid crystalline behavior.

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Date submitted: 28 Nov 2011 Electronic form version 1.4