

2014 RESEARCH SEMINAR SERIES

CONNECT: Institute for Social Transformation Research (ISTR)

The Institute for Social Transformation Research (ISTR) presents:

3D Printing Entanglements: Liquid Objects and the Mode of Anticipation

Dr Teodor Mitew, University of Wollongong

Date: Wednesday, 29 October 2014
Time: 12:30 - 13:30
Location: Building 19 Room 2072b
(Research Hub)



Light refreshments will be served
Please **RSVP** to Craig Lundy – clundy@uow.edu.au

Abstract:

As internet-connected objects become more and more sociable – smart fridge, smart car, etc. – they become less and less 'stable' (think of rocks, coffee mugs, etc. as examples of material stability), and more and more like a twitter feed. 3D printing only compounds this process as the material is literally liquefied and injected based on computer code – in effect the code is primary, and tangible materiality is secondary in this process. The resulting materiality is literally 'on demand' – in that it exists as relational data first and foremost and as material artefact only when demanded; and anticipatory - in that the main characteristic of connected objects is their capacity to initiate action based on predictive algorithms. My argument is structured as a provocation examining the notion of anticipatory materiality in the context of the internet of things and 3D printing.

Biography:

Dr Mitew's research explores the application of actor network theory and object oriented ontology for developing new conceptual approaches to the Internet of Things. He is also interested in the implications of the internet of things for human/object sociability, as well as the phenomenon of the Arduino maker ecology – from open source robotics to Arduino fashion.