

SCAS and FoCAS Workshop, ECAL 2015

Mon 20th July 2015

Session 1: 10:00-10:50am

Intro: 5 mins

Followed by

Setting the Scene: Overarching questions (45 mins)

Talks 1 and 2: 30 mins (15 mins each)

Sarah Cornell, Stockholm Resilience Institute, "Sustainability challenges in a complex world"

Vivek Nallur, Trinity College Dublin, "Where shall we have lunch?" Problems for a computer-aided future.

Facilitated discussion: 15 mins

Coffee break 10:50-11:10

Session 2: 11:10-11:55 (45 mins)

Examples and Tools: Technological and Bio-hybrid Systems

Talks 3 and 4: 30 mins (15 mins each)

Thomas Gabor, Ludwig-Maximilians-Universitat Munchen, "The Liquid Computing Paradigm"

Rob Mills, BioISI, Faculty of Sciences, U. Lisboa, "On manipulating attractors in collective behaviours of bio-hybrid societies with robot interactions"

Facilitated discussion: 15 mins

Session 3: 11:55-12:40 (45 mins)

New Approaches: Sociological and philosophical perspectives on managing living systems

Talks 5 and 6: 30 mins (15 mins each)

Anna Krzywoszynska, University of Durham, "Uncertainty, intuition and care in the management of vineyards and wine fermentations"

Simon McGregor, University of Sussex, "Wrangling Complex Systems"

Facilitated discussion: 15 mins

Session 4: 12:40-13:10 (30mins)

Key Themes Discussion:

10 mins: Draw out key emerging themes from the talks and discussion so far

20 mins: Facilitated group discussion