LIIPS workshop – ‘Systemic Accident Analysis Methods – What are they and how feasible are they for healthcare incident investigation?’

29 November 2017 10.30am – 12.30pm

Thomas Jun led a fascinating workshop attended by 22 people from 10 organisations. Slides used at the workshop are available here.

The 3 minute animation funded by a grant from the Health Foundation, Systems Thinking – a new direction in healthcare incident investigation, outlines a systemic method for healthcare incident investigation. Following viewing of this animation feedback from the audience was requested. Subsequently three systemic accident analysis methods were presented each with illustrative examples and the delegates were asked to feedback their views on each method.

The three methods covered were: AcciMap, Hierarchical Control Structure Diagram and Causal Loop Diagram. AcciMap has been used locally to review insulin over prescription, details on the system thinking website. Hierarchical Control Structure Diagram (STAMP) has been used to study suicide incidents. Causal Loop Diagram was used to review practice in local hospital pharmacies.

The utility and feasibility of these systemic analysis methods for healthcare incident investigation and how other sectors apply systemic methods for incident reporting and analysis were covered.

For more information visit the project website at www.systemsthinkinglab.com or contact Thomas Jun (g.jun@lboro.ac.uk).
Dr Thomas Jun

Dr Gyuchan Thomas Jun is Lecturer in Human Factors and Complex Systems at Loughborough Design School, Loughborough University, UK. He is a researcher, educator and design facilitator working in a broad field of human factors, engineering design and service design. He is particularly interested in integrating systems thinking, design thinking and resilience thinking into complex system/service design practices. He was trained as an engineer, but has been an interdisciplinary researcher with the intention of bridging various disciplines. He led the production of a highly praised 10 min animation on system safety, Two Contrasting Views of South Korea Ferry Accident