



# Academic Team 'STUCK' Meeting



## 21st February 2019

Venue - Level 4, Meeting Room 3,  
West Glasgow Ambulatory Care Hospital, Yorkhill, Glasgow, G3 8SJ.

### Application of Digital Technology in Mental Health

Digital technology is being utilised in all aspects of our lives from banking to booking holidays and now in pioneering technology projects in health care. Digital delivery of mental health services is a growing field with the hopes of making mental health resources more universally accessible in the comfort of people's homes via computer or at a touch of a button on their mobile phone. The stuck day will highlight some current innovative projects in the field of digital mental health.

9.30 am Tea/Coffee

09.50 am Welcome - CHAIR – Gary Kainth, Research Associate/Social Worker, Academic CAMHS

10 – 12 pm **Dr Mallika Punukollu**, Consultant Child and Adolescent Psychiatrist, East Ren CAMHS  
**Darroch McNaught** Chief Creative Officer, DeuXality Games

**Maria Mattsson**, Community artist and educational neuroscience communicator

"Use of augmented reality and artificial intelligence in mental health delivery"



12-12.15 pm Discussion

12.15 – 1 pm Lunch

1 – 2 pm **Dr Maki Rooksby**, Research Associate, Academic CAMHS

"Working with children to design and to use technologies that actually works: Examples from 3 exploratory studies"

2- 2.15 pm Discussion

2.15 – 3.15 pm **Dr John McGowan**, Lecturer, Edinburgh Napier University, School of Computing.

"Exploring Musical Creativity through Multimodal Interaction: how an interactive audio-visual application, based on Cymatics, might improve communication for people with ASD".

Looks at the requirements analysis, design, development and evaluation of an application (*CymaSense*) as a means of improving the communicative behaviours of autistic participants through music therapy sessions, via the addition of a visual modality. A multi-sensory approach encourages participants' musical engagement, increasing levels of communication and social interaction beyond the sessions. Cymatics describes a resultant visualised geometry of vibration through a variety of media, typically through salt on a brass plate or via water.



3.15 – 3.45 pm Discussion and Close

Attendance is free and lunch is provided, everyone is welcome, but places are limited.

To book please contact  
Irene O'Neill on 0141 201 9239 or [irene.oneill@glasgow.ac.uk](mailto:irene.oneill@glasgow.ac.uk)

