



## Health Challenge

### Agenda

#### **Tuesday 18<sup>th</sup> April**

19:00 - Pre-event networking, [Zouk](#)

#### **Wednesday 19<sup>th</sup> April**

**Venue** – [PrintCity](#), Manchester Metropolitan University

10:00 - Registration, networking and viewing PrintCity

#### **Introductory talks**

**Chair** – Dr Carl Diver, Manchester Metropolitan University

11:00 – Welcome and overview of PrintCity – Dr Carl Diver

11:05 – Overview of UK Metamaterials Network, the Health challenge and sandpit agenda – Dr Tom Allen, Manchester Metropolitan University

11:15 – Metamaterial introduction – What is a metamaterial? – Dr Claire Dancer, University of Warwick

11:25 – Health introduction – Challenges, trends and opportunities in health – Prof. Emma Hodson-Tole, Manchester Metropolitan University

11:35 - Feedback on the Health challenge summary graphic / topics – electronic (Vevox) and verbal – Dr Tom Allen

#### **Session 1**

**Chair** – Dr Tom Allen

11:45 – Identifying demonstrator project opportunities (e.g., <£100k each)

Round table discussions, with a table dedicated to each of the five themes of the Health challenge. Each table will have a dedicated chair and people will move to a different table after ~15 minutes. Table chairs will summarise their discussions at the end of the session, both verbally and electronically.

#### **Lunch**

12:45 - Viewing PrintCity, further opportunity to provide feedback on the summary graphic.

#### **Session 2**

**Chair** – Dr Olly Duncan, Manchester Metropolitan University

**13:45** – Opportunities in exercise and overview of the [Metamaterials in Sport topical collection in Sports Engineering](#).

Olly will introduce the topical collection and present key topics / questions around metamaterials for healthy living. Olly's talk will be followed by a group discussion, with ideas captured electronically.

## Health Challenge

### Afternoon break

14:30 – Group photo

### Session 3

**Chair** – Dr Calum Williams, University of Exeter

15:00 – Identifying large research project opportunities / ideas (e.g., >£1 million each)

Same format as Sessions 1

16:00 – Summary and close – Dr Tom Allen

### Networking

16:00 – Nibbles and drinks

17:00 - Post-event networking, [Salutation](#)

### Round table discussion chairs

Sub-theme	Session 1 (small projects)	Session 3 (large projects)
Exercise	Olga Kravchenko	Prof. Emma Hodson-Tole
Wellbeing	Mr Steve Spurrier	Dr Pooya Sareh
Ageing	Prof. Georges Limbert	Prof. William Holderbaum
Monitoring & diagnosis	Mr Martin Leigh	Dr Tim Collins
Therapeutics	Dr Rupam Das	Dr Guogang Ren