

**Workshop title: Predicting quality of life with multimodal data**

**Organizers**

**Valeria De Luca**, Novartis Institutes for Biomedical Research  
**Ieuan Clay**, Evidation Health

**Short Description**

The field of digital health has become a multi-billion dollar market, powering a paradigm shift in the continuous capture of multimodal data including activity, sleep, heart rate variability and contextual information. Novel machine learning applications are pioneering the conversion of these multimodal data into measures of quality of life, capturing symptoms like fatigue, stress, and depression. These insights will result in better understanding of the patient's lived experience and better medicines.

**Contents**

- ½ day workshop (3 h):
- Welcome by workshop organisers (10 min)
  - Invited speakers - list coming soon! (1 h)
  - --- Break (15 min) ---
  - Contribution presentation (30 min)
  - Panel discussion: invited speakers and selected presenters (1 h)
  - Closing remarks by workshop organisers (5 min)

**CVs of the Organizers**

- [Valeria De Luca](#)  
2017 - present: Senior Data Scientist (Novartis Institutes for Biomedical Research, Translational Medicine)  
Previous: PhD/PostDoc ETHZ, UCSF
- [Ieuan Clay](#)  
2020 - present: Director Market Innovation (Evidation Health)  
Previous: PhD Uni. Cambridge, Novartis

