

## **Reusing Public Neuroimaging Datasets**

Half Day Morning Course / 8:00-12:00

### **Organizers:**

*Krzysztof Gorgolewski, Stanford University, United States*

There is a growing number of publicly available human neuroimaging datasets. Recent studies have shown that reusing such data can lead to quality results (Milham et al. 2017) and saved money (Gorgolewski et al. 2015). More and more junior scientists begin their careers by using publicly shared data. We are also starting to see more PhD graduates that only used publicly share data in their graduate work. Reusing publicly available data has its own unique challenges. In this educational seminar we will provide guidance on how to find the right dataset, asses its quality, combine data between modalities as well as deal with statistical challenges of multi site data analysis.

### **Course Schedule:**

8:00-8:45

#### **Open science resources for neuroimaging research**

*R. Cameron Craddock, University of Texas, United States*

8:45-9:30

#### **The devil is in the details: accessing phenotypic data for brain-behaviour relationships**

*Kirstie Whitaker, Alan Turing Institute, United Kingdom*

9:30-10:15

#### **Perfect data doesn't exist, let's ensure they are good enough**

*Oscar Esteban, PhD, Stanford University, United States*

10:15-10:30

#### **Break**

10:30-11:15

#### **Methods to quantify and ameliorate site effects in multi-site MR data**

*Manjari Narayan, Stanford University, United States*

11:15-12:00

#### **Questions and Answers**