**Cluster Meeting**

**Current developments in cluster randomised trials and stepped wedge designs**

**7th October 2015, 9:30-12:30**

**Royal Statistical Society Medical Section Errol St, London EC1Y 8LX**

9:30 – Introduction (Sandra Eldridge)

9:40 – 10:25: Session 1 (Analysis of Cluster Randomised Trials – **Chair: Mike Campbell**)

9:40 - *Analysing cluster randomised trials with a baseline assessment of outcome.* **Richard Hooper**, Queen Mary University of London

9:55 - *Should we use two parameters when adjusting for an individual level covariate in the analysis of a cluster randomised trial?* **Neil Wright**, Queen Mary University of London

10:10 - *Spatial regression and indirect effects in cluster randomized trials.* **Karim Anaya-Izquierdo**, University of Bath

10:25 – 10:55: Session 2 (Meta-analyses – **Chair: Karla Hemming**)

10:25 - *Is the inclusion of cluster randomized trials in individual patient data meta analysis a good idea? A simulation study.* **Gian Luca Di Tanna**, London School of Hygiene and Tropical Medicine

10:40 - *A meta-epidemiological study comparing cluster to individually randomised trials.* **Bruno Giraudeau**, INSERM U 1153, Paris, France – INSERM CIC 1415, Tours, France

10:55 – Break

11:05 – 11:35: Session 3 (Stepped Wedge Designs – **Chair: Bruno Giraudeau**)

11:05 - *Stepped wedge designs for individually randomised trials with waiting list controls.* **Richard Hooper**, Queen Mary University of London

11:20 - *Sample size calculations for Stepped-Wedge Design Cluster Randomised Trials with unequal cluster sizes.* **Caroline Kristunas**, University of Leicester

11:35 – 12:05: Session 4 (Graphical Tools – **Chair: Richard Hooper**)

11:35 - *Timeline Cluster: a graphical tool for a better description of the chronology in cluster randomised trials.* **Agnès Caille**, INSERM U 1153, Paris, France – INSERM CIC 1415, Tours, France

11:50 - *Choosing a cluster design for cohort and cross-sectional studies, with and without nested clusters.* **Alan Girling**, University of Birmingham

12:05 – Questions/Comments and Closing Remarks (**Chair: Sandra Eldridge**)