**DAY 1**
**TUESDAY 12 NOVEMBER 2019**

**DAY 1: REGISTRATION, TEA AND COFFEE**

10:10 – 10:15  
**Introduction and welcome to the conference**  
Sandra Eldridge  
Queen Mary University of London, UK

10:15 – 11:15  
**SESSION 1**

Chair: Dr Clémence Leyrat, London School of Hygiene and Tropical Medicine, UK

10:15  
Assessing the reporting of binary effect measures in CRTs: results from a crowd-sourced methods based review  
Liz Turner  
Department of Biostatistics and Bioinformatics, Duke University, Durham, NC, USA

10:35  
Contamination in individually randomised trials: when is a cluster trial more efficient  
Karla Hemming  
University of Birmingham, United Kingdom

Andrew Forbes (late withdrawal)  
Monash University, Melbourne, Australia

10:55  
Efficient cluster randomised trial design when the ICC differs between arms  
Andrew Copas  
MRC Clinical Trials Unit at UCL, UK

11:15 – 11:45  
**TEA AND COFFEE BREAK**

11:45 – 12:25  
**SESSION 2**

Chair: Professor Richard Hooper, Queen Mary University of London, UK

11:45  
Sample size and power calculations for open cohort stepped wedge designs  
Jessica Kasza  
Monash University, Melbourne, Australia

12:05  
Outcome adaptive intervention roll out in stepped-wedge cluster randomised trials  
Michael Grayling  
Institute of Health & Society, Newcastle University, UK
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<th>Time</th>
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<tr>
<td>12:25 – 13:00</td>
<td><strong>Poster Pitch Session</strong></td>
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<td><strong>Chair: Claire Chan, Queen Mary University of London</strong></td>
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<td>Baseline testing in cluster randomised controlled trials: should this be done?</td>
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<td>Alex Mitchell</td>
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<td>York Trials Unit, Department of Health Sciences, University of York, UK</td>
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<td>Robust, value-based sample size determination for cluster randomised trials when nuisance parameters are unknown</td>
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<td>Duncan Wilson</td>
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<td>University of Leeds, UK</td>
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<td>Intervention before consent: methods to minimise bias due to differential recruitment and retention in cluster randomised controlled trials</td>
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<td>Sarah Rhodes</td>
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<td>NIHR Collaboration for Leadership in Applied Health Research and Care (CLAHRC) Greater Manchester, Salford Royal Foundation NHS Trust, Salford, UK</td>
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<td>Assessing the risk of bias in cluster randomised controlled trials: results from a review</td>
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<td>Christina Easter</td>
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<td>Institute of Applied Health Research, University of Birmingham, Birmingham, UK</td>
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<td>Covariate constrained randomisation for stepped-wedge cluster randomised trial</td>
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<td>Caroline Kristunas</td>
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<td>Department of Health Sciences, University of Leicester, UK</td>
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<td>13:00 – 14.00</td>
<td><strong>Lunch</strong></td>
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<td>14:00 – 16:00</td>
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<td><strong>Chair: Professor Bruno Giraudeau, Tours University, France</strong></td>
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<td>Health economics for cluster randomised trials</td>
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<td>Josselin Thuilliez</td>
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<td>Centre d’Économie de la Sorbonne, France</td>
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<td>16:00 – 16:30</td>
<td><strong>Tea and Coffee Break</strong></td>
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SESSION 4

Chair: Sally Kerry, Queen Mary University of London

16:30  Introducing a Stata program to perform cluster level analysis of clinical trials: clan
Stephen Nash
Tropical Epidemiology Group, London School of Hygiene and Tropical Medicine, UK

16:50  The PITHIA trial: a stepped wedge, cluster randomised, registry based national trial with
economic evaluation
Laura Pankhurst
Clinical Trials Unit NHS Blood and Transplant, Cambridge and Bristol, UK

CLOSE OF CONFERENCE DAY 1

From 18:10

Conference Dinner for those who have registered

The Culpeper
40 Commercial St
Spitalfields
London
E1 6LP
DAY 2: WEDNESDAY 13 NOVEMBER 2019

9:30 – 9:45  DAY 2 REGISTRATION, TEA AND COFFEE

9:45 – 11:15  WORKSHOP ON CLUSTER CROSSOVER TRIALS: PART 1

Jessica Kasza
Monash University, Melbourne, Australia

Monica Taljaard
University of Ottawa, Canada

Karla Hemming
University of Birmingham, United Kingdom

Joanne McKenzie
Monash University, Australia

Andrew Forbes (late withdrawal)
Monash University, Australia

11:15 – 11:45  TEA AND COFFEE BREAK

11:45 – 12:40  WORKSHOP ON CLUSTER CROSSOVER TRIALS: PART 2

12:40 – 13:00  POSTER PITCH SESSION

Chair: Claire Chan, Queen Mary University of London

Methodological review of evidence of risk of bias in cluster randomised trials
Jenny Roche
York Trials Unit, Department of Health Sciences, University of York, UK

Enhanced Recovery after Intensive Care (ERIC): Study protocol for a stepped-wedge cluster randomized controlled trial to evaluate the effectiveness of an e-health intervention at ICU to optimize adherence to quality indicators and personal recovery in critically ill adults
Christine Adrion
Institute for Medical Information Processing Biometry and Epidemiology (IBE), Ludwig-Maximilians-Universität (LMU), Munich, Germany

MDesign issues when assessing a topical pharmacological treatment in dermatology
Sophie Leducq
University of Tours and Nantes, INSERM, SPHERE U1246 – SPHERE, Tours, France

Methods and principles in developing, validating and implementing models using data from cluster randomised trials
Menelaos Pavlou
Department of Statistical Science, University College London, UK
13:00 – 14:00 LUNCH

14:00 – 15:00 SESSION 5

Chair: Professor Sandra Eldridge, Queen Mary University of London, UK

14:00 The cluster randomized crossover trial: the effects of attrition in the AB/BA design and how to repair for it
Mirjam Moerbeek
Utrecht University, Department of Methodology and Statistics, The Netherlands

14:20 Designing a stepped-wedge cluster randomised trial with treatment effect and time effect heterogeneity across strata
James Martin
Institute of Applied Health Research, University of Birmingham, UK

14:40 Stepped Wedge Test-Negative Trials
Nicholas Jewell
Department of Medical Statistics, London School of Hygiene and Tropical Medicine, UK

15:00 – 15:30 TEA AND COFFEE BREAK

15:30 – 16:30 SESSION 6

Chair: Professor Karla Hemming, University of Birmingham, UK

15:30 Improving the efficiency of a stepped-wedge design without lengthening the study
Alan Girling
Institute of Applied Health Research, University of Birmingham, UK

15:50 Improving the feasibility of stepped-wedge cluster randomised trials: findings of a qualitative interview study
Caroline Kristunas
Department of Health Sciences, University of Leicester, UK

16:10 Estimation of individual-level local average treatment effects in cluster randomised trials with non-adherence
Schadrac Agbla
Department of Medical Statistics, London School of Hygiene and Tropical Medicine, UK

16:30 – 16:40 Conclusions and close of conference
Professor Sandra Eldridge
Queen Mary University of London, UK