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| **Monday 11th July** |
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| **08:45 am** | **Welcome: President of SRSM*** Welcome to the Annual Meeting and to Florence
* General Introduction to the scientific sessions:
* Round the room introductions
* Introduction to Presidential address
 | **Jessica Gurevitch**Matthias EggerKay DickersinPresident Elect |
| **09:00 am**  | **Session 1: Chair Jessica Gurevitch**Presidential Address Why ecology matters, and why it matters for research synthesis methodology |  |
| **10:00 am**  | **Coffee Break** |  |
| **10:30 am** | **Session 2**Is heterogeneity our friend? A test for heterogeneity is pointlessHeterogeneity in ecological and evolutionary meta-analyses: Its magnitudes and implicationsTowards a wider definition of the I2 index Comparison of prediction and credibility intervalsSome challenges in random-effects or mixed-effects models of meta-analysis Allowing and quantifying heterogeneity in fixed effects meta-analysis  | Michael BorensteinShinichi NakagawaJosé López-López Hannah RothsteinElena KulinskayaClara Dominguez Islas  |
| **1:00 –** **200 pm** | **Lunch** |  |
| **2:00 pm** | **Session 3**Statistical issues in network meta-analysisArm-based versus contrast-based methods for network meta-analyses: Radical differences or misunderstood nuances?The case of contrast-base versus arm-based network meta-analysis revisitedExtending an arm-based method to synthesize multiple diagnostic tests | Ian ShrierTony AdesHaitao Chu |
| **3:15 pm** | **Coffee Break** |  |
| **3:45 pm** | **Session 4**Policies we should understandWhat Implications do ASA and APA Standards for Statistical Reporting Have for Meta-analysis?Council for International Organizations of Medical Sciences (CIOMS) X Guidance for the Design and Conduct of Meta-analyses in Drug Safety  | David RindskopfJesse Berlin |
| **4:25 pm** | **Session 5**Award sessionIngram Olkin Award for 2016Early Career Development Award for 2016Extraordinary Service Award for 2016 | Julian HigginsTianjing LiWill Shadish |
| **4:40 pm** | **Session 6**Memorial Session for Will ShadishChair Hannah RothsteinMemorial Session for Ingram OlkinChair Larry Hedges | David RindskopfMichael BorensteinJack VeveaBetsy BeckerChris SchmidTom Trikalinos |
| **6:00 pm** | **Close of 1st day** |  |
| **7:30 pm** | **Dinner in the Garden of the Centro**  |  |

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| **Tuesday 12th July** |
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| **8:15 am** | **Session 7**Teaching systematic reviews and meta-analysisTeaching systematic review methods to a massive, open, and online audience Top ten things I hate to see when reviewing applied meta-analyses: We need to do a better job of teaching our fieldFixed effects meta-analysis? Random effects meta-analysis? Or weighted average meta-analysis? Low power, selective reporting and the ‘replicability crisis’— WAAP | Tianjing LiChris SchmidFred WolfTom Stanley |
| **9:45 am** | **Coffee Break** |  |
| **10:15 am** | **Session 8**Statistical issues in network meta-analysis Part 2Uncertainty in Treatment RankingsRanking treatments in frequentist network meta-analysis works without resampling methodsTwo new methods to fit models for network meta-analysis with random inconsistency effects  | Ludovic TrinquartGerta RuckerMartin Law |
| **11:35 am** | **Session 9**Special statistical issuesDependence of slopes from a single studyA percentile metric for continuous dataImproved likelihood inference in random-effects meta-analysis  | Betsy BeckerAriel M. AloeAnnamaria Guolo |
| **12:35 - 1:15 pm**  | **Session 10**Open science and the implications for systematic reviewsWhat are the consequences for systematic reviews when we demand “open science”? Findings from the Multiple Sources of Data (MUDS) Research StudyToo much data from too many sources - what is the best estimate of the treatment effect? | Kay DickersinTianjing Li |
| **1:15 pm** | **Lunch** |  |
| **2:15 pm** | **Session 11**Planning future trialsEvidence-Based planning in clinical research Use of a random effects meta-analysis in the design and analysis of a new clinical trialObtaining evidence by a single well-powered trial or by several modestly powered trials | Georgia SalantiHayley JonesJoanna Inthout |
| **3:25 pm** | **Coffee Break** |  |
| **3:55 pm** | **Session 12**Decision making and real-world evidence (including using non-randomized evidence and making predictions about the impact of interventions in real-world populations)Optimal healthcare decision making under multiple mathematical models - Application in prostate cancer screening Predicting real-world treatment effect based on randomized controlled trials (RCTs) and observational evidenceCombining randomized and non-randomized evidence in a network meta-analysisA critical interpretive synthesis of recommendations for disinvestment from population screening | Tom TrikalinosEva DiddenOrestis EfthimiouJulian Little |
| **4:30 pm** | **Session 13****Business Meeting** |  |
| **6:00 pm** | **Close of 2nd day** |  |
| **6:00 pm** | **Pick-up for the Guided City Tour** |  |

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| **Wednesday 13th July** |
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| **8:15 am** | **Session 14**Bias and qualityAssessing the credibility of randomized and non-randomized studies: new approaches, new tools A meta-epidemiological investigation of the impact of blinding on estimated treatment effects in randomized clinical trials (MetaBLIND)Understanding bias via cross-disciplinary multi-level meta-meta-regressionTools for Improving the Quality, Speed, and Utility of Systematic Reviews | Julian HigginsGemma ClaytonDaniele FanelliRebecca Maynard |
| **9:45 am** | **Session 15**Animal studiesInsights into developmental origins of health and disease using meta-analyses of animal data Meta-analyses of animal studies with highly heterogeneous effects: a case study of methodological challenges | Malgorzata LagiszGianni Virgili |
| **10:30 am** | **Coffee Break** |  |
| **11:00 am**  | **Session 16**Multivariate meta-analysisBorrowing of strength in multivariate meta-analysis Seeing the forest and the trees. Making sense of complex interventions: application of hierarchical multivariate meta-regression to explore heterogeneity in a synthesis of evidence on the effects of diabetes quality improvement programs"Bivariate random effects meta-analysis models for diagnostic test accuracy studies using arcsine-based trans-formationsModels and estimation methods for multivariate network meta-analysis | Ian WhiteKirstin DankoJoseph BeyeneDan Jackson |
| **12:20 – 1:20 pm** | **Lunch** |  |
| **1:20 pm** | **Session 17**Selection biasAlternative weighting schemes in the random-effects model to reduce the impact of publication bias Network meta-analyses performed by contracting companies and commissioned by industryPublication bias in single case designsEmpirical evaluation of multiple imputation approach to assess selection biasA novel method for correcting publication bias in multivariate meta-analysis | Wolfgang ViechtbauerJohn IoannidisJack VeveaGuido SchwarzerYong Chen |
| **3:10 pm** | **Coffee Break** |  |
| **3:40 pm** | **Session 18**2015 Ingram Olkin Award Lecture  | Julia Littell |
| **4:40 pm** | **Evaluation and closing remarks** **Chair Kay Dickersin** |  |
| **5:00 pm** | **End of SRSM 2016, see you in Montreal in 2017!** |  |