Schedule SMLP 2017, 28 Aug-1 Sept. (Sessions 1-9 and the evening lectures will be held in Haus 9, room 114. Sessions 10A-18A are in Haus 9, room 212, and Sessions 10B-18B in room 205.)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Monday** |  |  | **Tuesday** | **Wednesday** | | **Thursday** | | **Friday** | |
| **9:00 -9:30** | Welcome and orientation |  |  |  |  | |  |  |  |  |
| **9:30 -11:00** | SESSION\_01 Frequentist foundations: sampling distribution of means  (Vasishth) |  | **9:00 -10:30** | SESSION\_05  Introduction to linear models  (Bürki) | SESSION\_09  Introduction to Bayesian data analysis  (Vasishth) | | SESSION\_13A  Advanced linear mixed models 2 exercises  (Kliegl) | SESSION\_13B  Intro to Stan (Nicenboim) | SESSION\_16A Generalised linear (mixed) models (Vasishth) | SESSION\_16B  Hierarchical models 1 exercises (Nicenboim) |
| **11:00 -11:30** | Coffee break |  | **10:30 -11:00** | Coffee break | Coffee break | | Coffee break | Coffee break | Coffee break | Coffee break |
| **11:30 - 13:00** | SESSION\_02  One and two sample t-tests  (Vasishth) |  | **11:00 - 12:30** | SESSION\_06  Introduction to linear mixed models  (Bürki) | SESSION\_10A  Advanced linear mixed models 1  (Kliegl) | SESSION\_10B  Bayes exercises  (Vasishth) | SESSION\_14A  Advanced linear mixed models 3 (Kliegl) | SESSION\_14B  Intro to Stan exercises (Nicenboim) | SESSION\_17A  Generalised linear (mixed) models exercises (Vasishth) | SESSION\_17B  Hierarchical models 2 (Nicenboim) |
| **13:00 -14:30** | Lunch |  | **12:30 -14:00** | Lunch | Lunch | Lunch | Lunch | Lunch | Lunch | Lunch |
| **14:30 - 16:00** | SESSION\_03 Type I, type II error, power  (Vasishth) |  | **14:00 - 15:30** | SESSION\_07  More details on linear mixed models  (Vasishth) | SESSION\_11A  Advanced linear mixed models 1 exercises  (Kliegl) | SESSION\_11B  Sampling MCMC  (Nicenboim) | SESSION\_15A  Advanced linear mixed models 3 exercises (Kliegl) | SESSION\_15B  Hierarchical models 1 (Nicenboim) | SESSION\_18A Problems with multiple comparisons  (von der Malsburg) | SESSION\_18B  Hierarchical models 2 exercises (Nicenboim) |
| **16:00 - 16:30** | Coffee break |  | **15:30 - 16:00** | Coffee break | Coffee break | Coffee break | Coffee break, and free time | Coffee break, and free time | Coffee break | Coffee break |
| **16:30 -17:30** | SESSION\_04  P-values, power, type M error, practical examples  (Vasishth) |  | **16:00 -17:00** | SESSION\_08  Exercises on linear mixed models  (Vasishth) | SESSION\_12A  Advanced linear mixed models 2  (Kliegl) | SESSION\_12B  Sampling MCMC exercises  (Nicenboim) | Closing discussion, feedback | |
|  |  |  | **17:00- 18:00** | 1st invited talk, [Richard McElreath](http://xcelab.net/rm/): [The Natural Selection of Bad Science](http://rsos.royalsocietypublishing.org/content/3/9/160384) |  |  | 2nd invited talk, Mark Andrews: *The Art and Science of p-value Hacking* | |  |  |
|  |  |  | **18:00 - 19:00** | Informal get-together |  |  | Informal get-together | |  |  |