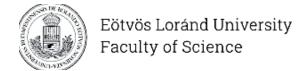# The MEMO Team of CRNL

cordially invites you to a talk and a workshop by

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Monday 17th June 2019

Salle F28 Neurocampus,
Bâtiment 462 Centre Hospitalier Le Vinatier, 95 Bd Pinel (entrée principale) Bron

11:00: Solving part of the replication crisis with automatic data analysis: benefits and limitations

Replication crisis is one of the main challenges of scientific practice. One main root of this crisis is the set of issues in data analysis. Obviously, data analysis following more strictly the appropriate procedures and following more strictly the best practices may solve many data analysis problems. The present talk suggests that automatic data analysis may be one simple tool to get closer to this aim. Automatic analysis software is also an effective tool to disseminate methods, because the methods will be applied as soon as they are implemented in the software, and not after the users learn them. A proof of concept software, CogStat, is also presented. It is argued that automatic analysis software is a viable, easy to use, comfortable and efficient tool to get rid of many causes of the replication crisis.

15:00: WORKSHOP Faster and smarter data analysis with CogStat

CogStat is an automatic analysis software with carefully designed output to make the interpretation of the results easier and more fluent. The workshop introduces the practical use of the software, and reviews and explains most of the automatically chosen procedures and most of the peculiar features of the output. These procedures and features not only ensure much faster analyses, but they also allow the user to have a fresh look at the analyses results and they offer a more meaningful look at the data.

Find more information about the workshop at
https://github.com/cogstat/cogstat/wiki/Workshop-2019-June-Lyon

Registration: The workshop is free of charge. Please, register for the event by filling this form.