# Table of Contents introductory workshop in R / R Studio

* Part 1:
  + CAMs overview
  + Motivating Graph Theory (network analysis)
    - Introduction to random graphs to motivate the data generation process of CAMs
  + Related literature to CAMs
    - Mental models
    - Semantic networks
    - Fuzzy Networks
* Part 2:
  + CAMs
    - Recap: existing literature
    - Coherence theory and HOTCO model of the philosopher Paul Thagard
    - CAM study designs and resulting network toplogies
* Part 3:
  + Developed CAM tools
    - Data collection - Cognitive-Affective Map Extended Logic (C.A.M.E.L.): C.A.M.E.L
    - Data analysis - CAM-App
    - Set up studies – dashboard + programming studies on scratch using JATOS
* Part 4:
  + Showing possible extensions
  + Discussion the “future” of CAMs
* I will provide you a lot of self-learning materials

# To Dos in advance

To participate in the workshop, you need to install base R and R Studio: <https://posit.co/download/rstudio-desktop/>

And prepare yourself:

* Read my online documentation of the CAM tools: <https://osf.io/q5hj4/>
* Read the manuscript of the CAM tools article
* Download materials on the 27th of November from: <https://github.com/FennStatistics/CAMtools_workshops> (folder "CAMtools Workshop 20231128")

# Location / Zoom Link

**Tuesday, the 28th of November from 9am to 12pm**

* Konferenzraum (6002) in Engelbergerstraße 41 (79106 Freiburg)
* or via Zoom: <https://uni-freiburg.zoom.us/j/62742772710?pwd=dmRFVUx2NE5YbGkyTjgyZmsvSDdWUT09>

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