

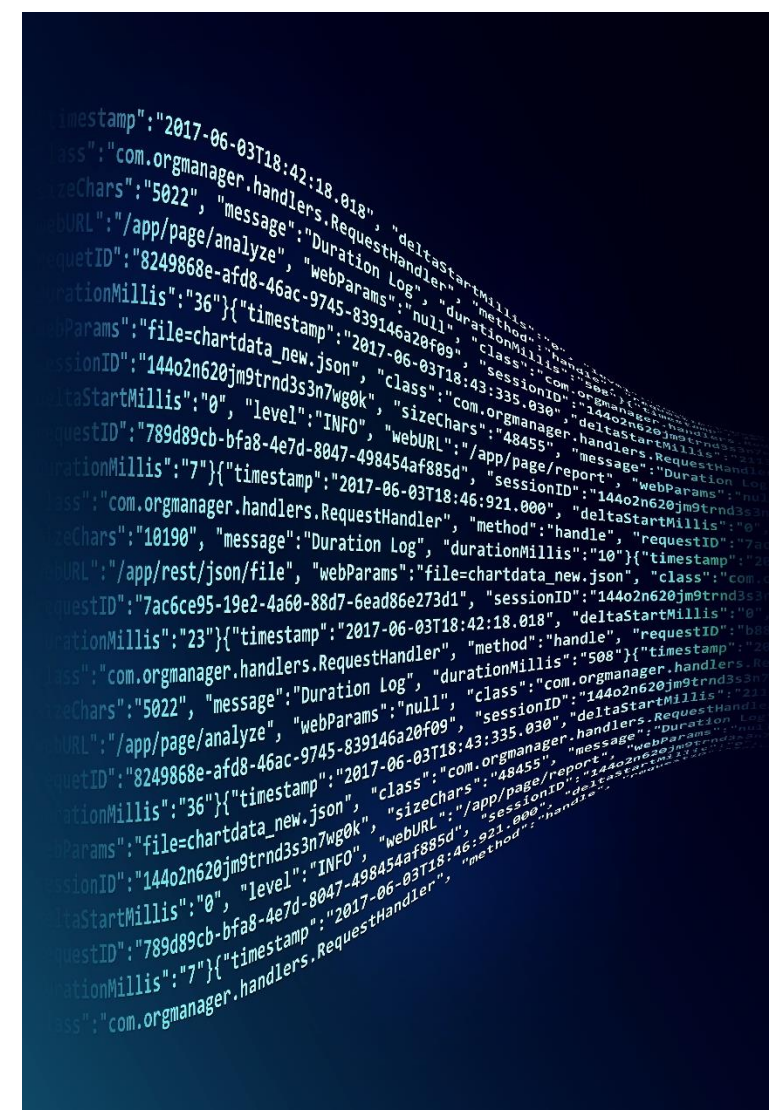
| Monday and Tuesday, 11. & 12. May 2020 |

ONLINE WORKSHOP: INTRODUCTION TO COMPOSITIONAL DATA ANALYSIS

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Helmholtz-Zentrum Dresden-Rossendorf | HZDR

Content: We will see the problems arising with the conventional statistical analysis of compositional data, and present a general solution. We will see how to generate and interpret descriptive statistics; how to explore the inner structure of a data set with tools such as logratio principal component analysis; and we will fit predictive models to explain the variability in compositional data sets. These topics will be covered with a bit of theory, some examples and a few exercises in R, the open source environment for data analysis.

Registration: Open until 30th April on our website
www.new-exploration.tech



| Monday and Tuesday, 11. & 12. May 2020 |

The workshop will be held online in two consecutive days and will contain theory and practice. The workshop will be structured as follows:
Every morning 9 -12 theory and examples, 13 - 15 (independent) practice and 15 - 17 time for discussion about the practice and wrap-up questions. (Times are given in CEST).

Please prepare/let your administrator prepare your computer for the workshop with the following software: R (www.r-project.org) and RStudio (www.rstudio.com). Further instructions will be sent via email the week before.

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