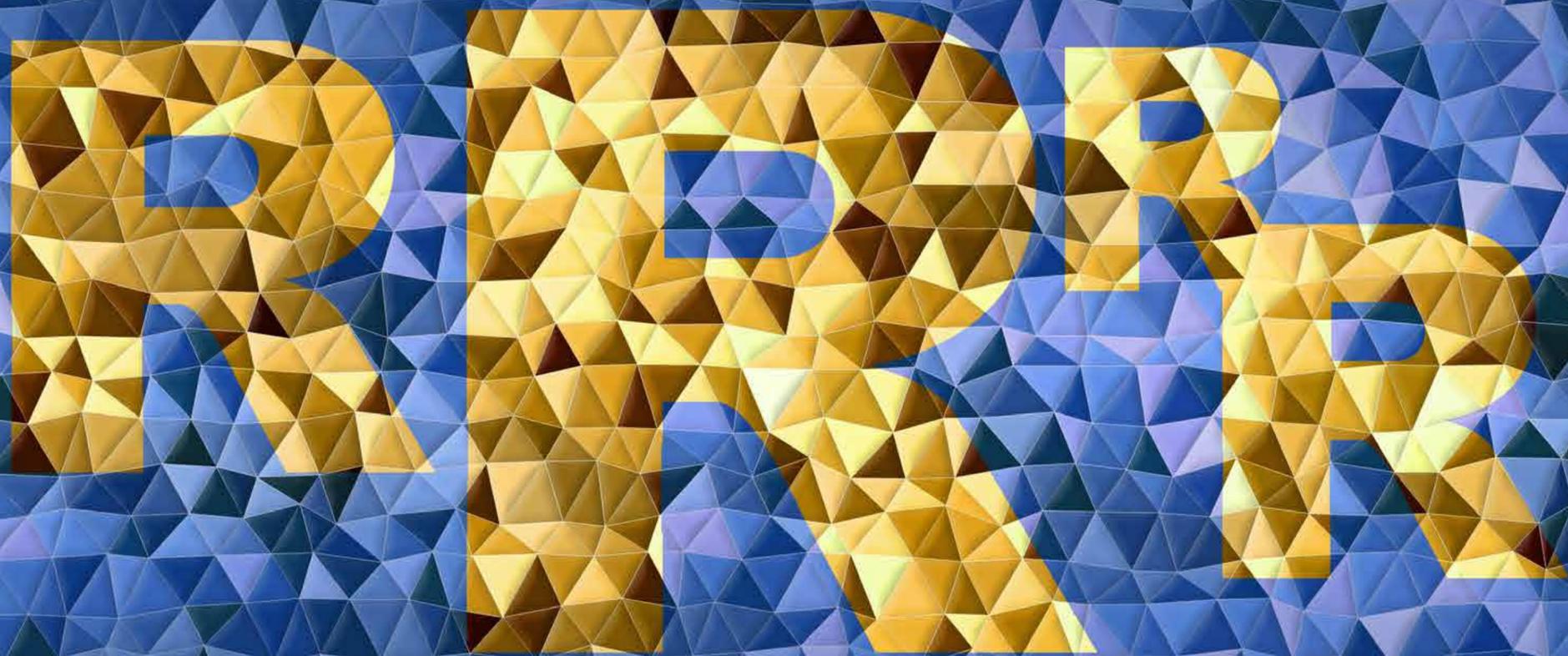


Digital introductory courses and  
hosted by the CRC 1266



SUMMER SCHOOL

# Reproducible Spatial Pattern Recognition and Point Pattern Analysis in Landscape Archaeology



## 17.06.2021 Culture of reproducible research

This first part is aimed at all interested individuals and requires no prior knowledge. We introduce the culture of reproducible research and its concepts.

*Deadline for application: 14.06.2021*

## 18.06., 24.-25.06.2021 Introduction to R

R is one of the most common scripting languages in data science and is the most widely used scripting language in the field of archaeology. We offer an introduction to R, which teaches you to implement reproducible research in practice and gives you a general overview of the software's capabilities. Besides, it serves as a basis for the later Summer School.

*Deadline for application: 14.06.2021*

## 20.-24.09.2021 SUMMER SCHOOL:

### Applied Point Pattern Analysis in Archaeology

During the September event, we will put theory into practice and apply the reproducible research approach to a specific case study using point pattern analysis. We aim to jointly publish the results in an open access journal afterwards! *Max. Participants (12)*

*Deadline for application: 13.09.2021*

#### Details

The increasing use of quantitative methods and computer-based analytical tools in scientific work is accompanied by a crisis of reproducibility. This is mainly due to the lack of basic knowledge of how to use computers, how to integrate data into them and how to transform them into an analysable form. In combination with proprietary software, this creates a world of science whose findings are no longer comprehensible by other colleagues, and corresponding findings are more like advertising promises than genuine knowledge generation. This is a paradox, since it is very easy to work transparently and comprehensively in the field of computer-based data analysis - at least if certain basic rules of scientific work are considered.

New skills are best acquired through trial and error. Accordingly, in this series of events we focus very much on practice and teach participants the core competencies of transparent and reproducible work by means of a landscape archaeological point pattern analysis.

Due to the current situation, the event will take place digitally. The individual blocks can also be attended individually, however, the September course requires R knowledge. Attendance at the R introduction is sufficient for this.

Please enrol for the three different courses separately by email: [office@sfb.uni-kiel.de](mailto:office@sfb.uni-kiel.de). We will then send you further information. Please note that all events are entirely digital. You will receive the link for the video conference in given time after registration.

Organised by:



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