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WDSI/IAS VACATION SCHOOL 2016

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# Principles and Practice of Data Analysis for Reproducible Research in

26–30 September 2016

Institute of Advanced Study, Millburn House, University of Warwick

**FOR WARWICK PHD STUDENTS AND  
EARLY-CAREER RESEARCHERS IN ALL DISCIPLINES**  
(and other Warwick staff if space available)

## Topics will include:

- half-day introduction to *R*, ‘the *lingua franca* of data science’ (for participants with no previous knowledge of *R*)
- practical **handling of data** of different types
- **data visualization** and **effective graphics**
- **statistical modelling** and **interpretation**
- all with an emphasis on **reproducible** research and reporting in *R*, using modern tools such as *knitr*

Participants will also have an opportunity to discuss **questions from their own research**.

**Find out more**, and register:

[warwick.ac.uk/wdsi/vacationschool2016](http://warwick.ac.uk/wdsi/vacationschool2016)