



TensorDec Laboratory  
algebra, geometry and applications of  
tensor decompositions

Masterclass

# Algebraic Statistics and related topics

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During the course will be covered topics including: conditional independence, likelihood inference, graphical models, nonnegative matrix factorisations.  
Time permitting further topics will be covered.

At the end of this course, the student can:

list topics in algebraic statistics, recognise problems in statistics that are answerable by algebraic methods, assess which algebraic methods are suitable for solving a problem, apply basic algebraic tools to solve a problem.

## SCHEDULE AND ROOMS

Monday 17	11:30 - 13:30	room A220
Tuesday 18	16:30 - 18:30	room A218
Wednesday 19	14:30 - 16:30	room A209
Thursday 20	16:30 - 18:30	room A218
Friday 21	14:30 - 16:30	room A223

The lectures will be also available in streaming on ZOOM



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