

# Kolloquium

## Theoretische Physik

Mo 27.11.17  
13:30 Uhr  
P 603



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### "Local realism - case closed?"

Four recent quantum Bell-type experiments appear to have ultimately rejected local realism consistent with relativity. However, the full analysis of the raw data leads to questions about superluminal signaling, freedom of choice, objectivity and completeness of theoretical model. Each of these experiments has some issue to resolve and therefore further improved tests, (almost) free from loopholes, are necessary.