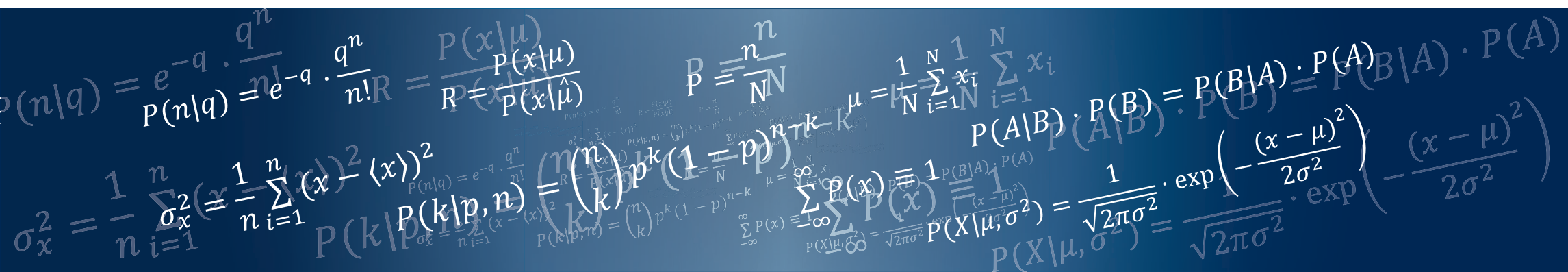


# ACADEMIC TRAINING.

“Statistical Methods for Data Analysis”  
11–14 September 2018 | DESY | Zeuthen



## Speakers

Dr Ullrich Schwanke and Dr Gerrit Spengler  
Institute for Physics | Humboldt University Berlin

## Programme

Tuesday, 11 September	Wednesday, 12 September	Thursday, 13 September	Friday, 14 September
10:00–11:45 SR1 Lecture 1   Gerrit Spengler	10:00–11:45 SR1 Lecture 2   Ullrich Schwanke	10:00–11:45 SR1 Lecture 3   Ullrich Schwanke	10:00–11:45 SR1 Lecture 4   Gerrit Spengler
<b>Foundations</b> Probability, distributions, central limit theorem, para- meter estimation, error propagation, multi-dim. dis- tributions and correlations	<b>Frequentist vs Bayesian</b> Does it matter? Confidence intervals, Coverage testing	<b>Confidence Intervals</b> Calculation of confidence intervals, including system- atic errors	<b>Hypothesis Testing</b> Confidence intervals, Statistical testing, Selected methods
13:30–15:00 SR1 Tutorial   Discussion	14:00–15:00 SR3 Physics Colloquium  17:00–20:00 Lakefront Barbecue	13:30–15:00 SR1 Tutorial   Discussion	13:30–15:00 SR1 Tutorial   Discussion

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