



Universität Hamburg  
DER FORSCHUNG | DER LEHRE | DER BILDUNG

CLUSTER OF EXCELLENCE  
QUANTUM UNIVERSE



## QUANTUM UNIVERSE LECTURES

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**Georg Weiglein (DESY)**

# “Confronting the theory of the electroweak interactions with recent experimental hints for possible new physics”

25 November and 2, 9 December 2022 at 14.30h

DESY, building 2a, seminar room 2

and via Zoom: <https://uni-hamburg.zoom.us/j/92293543262>

(Meeting ID: 922 9354 3262, Passcode: 97540703)

### **Abstract:**

The theory of the electroweak interactions can be probed via direct searches and precision measurements. Accurate theory predictions for electroweak precision observables and observables in the Higgs and flavour sector will be confronted with the latest experimental results. In this context recent hints for possible effects of physics beyond the Standard Model of particle physics will be discussed.

### **Registration on Geventis:**

<https://www.geventis.uni-hamburg.de/course?course=-5297590883569726643>

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