

# Physikalisches Kolloquium

## How Beauty leads Physics Astray

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To develop fundamentally new laws of nature, theoretical physicists often rely on arguments from beauty. Simplicity and naturalness in particular have been strongly influential guides in the foundations of physics ever since the development of the standard model of particle physics. In this lecture I argue that arguments from beauty have led the field into a dead end and discuss what can be done about it.

**Der Gast wird betreut von Herrn PD Dr. Pelster**

**Gäste sind herzlich willkommen**

**Kaffeeauschank ab 17:00 Uhr**

**Ebenfalls wird ab 17:00 Uhr ein  
Büchertisch angeboten.**

**UNI-BUCH** 

**Montag, 10. Dezember 2018, 17:15 Uhr**

**Gebäude 46 / Raum 46-270**