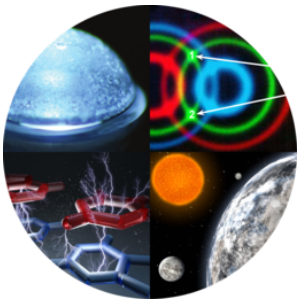

Münchner Physik-Kolloquium

at home! Sommer 2020

Dieses Semester findet das Kolloquium online statt: https://tum-conf.zoom.us/j/93234766313

A century of Noether's theorem

Prof. Dr. Chris Quigg, *Fermilab, Batavia, Illinois, USA*

Monday, 4 May 2020, 17:15 h
https://tum-conf.zoom.us/j/93234766313 Meeting-ID: 932 3476 6313 Passwort: Kolloquium
Software bitte möglichst vorab installieren.

In the summer of 1918, Emmy Noether published the theorem that now bears her name, establishing a profound connection between symmetries and conservation laws. The influence of this insight is pervasive in physics; it underlies all of our theories of the fundamental interactions and gives meaning to conservation laws beyond useful empirical rules. Noether's papers, lectures, and personal interactions with students and colleagues drove the development of abstract algebra, establishing her in the pantheon of twentieth-century mathematicians.

The talk will trace her path from Erlangen through Göttingen to a brief but happy exile at Bryn Mawr College in Pennsylvania, illustrating the importance of The Theorem for the way we think today.

Student event: Meet the speaker

*We invite you to a **student-only** discussion-round with Prof. Dr. Chris Quigg before his Munich Physics Colloquium talk.*
Be curious and feel free to ask any question.
Monday, 4 May 2020, 16:00 h,
more information: https://www.moodle.tum.de/course/view.php?id=57309