



universität
wien

Fakultät für Mathematik

ANTRITTSVORLESUNG

Mathematisches Kolloquium

Mittwoch, 15. Juni 2022

Sky Lounge

EINLADUNG

Jörg Menche

(Fakultät für Mathematik, Zentrum für Molekulare Biologie)

“Navigating the molecular map of life”

“Navigating the molecular map of life”

Abstract:

Technological breakthroughs like genome sequencing have revolutionized our ability to investigate the molecular basis of life. Having identified all the molecular building blocks, the next frontier is now to understand how exactly they work together. In recent years, increasingly detailed maps of the molecular interactions that underlie all biological processes have become available. Network theory provides tools and concepts for reading these maps. In my presentation I will introduce the core ideas of network theory and highlight a number of applications in biology and medicine.

15.45 Uhr: Kaffeejause

16.15 Uhr: Vortrag

Kleines Buffet im Anschluss

Radu Ioan Bot
Alwin Köhler