

Eugene Wigner Colloquium

joint event of GRK 1558 and SFB 910



Dr. Víctor Eguíluz

Universitat de les Illes Balears

“Big data, complex systems and marine megafauna movement”

Technological advances offer new insights into human activity and mobility. Also, animal movement studies are approaching Big Data status thanks to the development and deployment of new sensors [1–3]. We will present opportunities open to the study of marine megafauna movement at the interface with complex systems.

- [1] R. Kays, M. C. Crofoot, W. Jetz, and M. Wikelski, *Terrestrial animal tracking as an eye on life and planet*, *Science* **348**, aaa2478 (2015).
- [2] N. E. Hussey *et al.*, *Aquatic animal telemetry: A panoramic window into the underwater world*, *Science* **348**, 1255642 (2015).
- [3] G. C. Hays *et al.*, *Key Questions in Marine Megafauna Movement Ecology*, *Trends Ecol. Evol.* **31**, 463 (2016).

Thursday, 25.01.18 · 16:15h · EW 202

Technische Universität Berlin · Institut für Theoretische Physik · Hardenbergstraße 36 · 10623 Berlin
www.itp.tu-berlin.de/grk1558 · www.itp.tu-berlin.de/sfb910

GRK1558
research training group