

EINLADUNG

Prof. Dr. Luisa Orsini

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hält im Rahmen einer Antrittsvorlesung für eine Hückmann Stiftungsgastprofessur am Dienstag, den **13.06.2023**, um **17:00 Uhr**, im Biologikum, Max-von-Laue-Str. 13, Campus Riedberg, Hörsaal 1 einen Vortrag über

„The time machine chronicles: resurrected crustaceans and ghost DNA“

My mission is to improve environmental health by pushing the frontiers of research and innovation. In this lecture, I will show the use high throughput sequencing technologies, data science and AI to understand the impact of environmental change on freshwater ecosystems. I will leverage ghost DNA (environmental DNA) and resurrected crustaceans to identify the causes of biodiversity loss and the mechanisms of evolution that allow species to persist.

My multidisciplinary approach to science inspired development of innovative and sustainable technologies to improve environmental and human health. I will share our recent advances in prototyping a water reclamation and waste valorisation technology that meets the net-zero carbon emission goals and delivers clean water for all. By translating cutting-edge multidisciplinary science into practical applications, I contribute to regulatory science and the development of tools and processes for mitigation interventions that enable green growth and meet UN developmental goals. I look forward to meeting you all and start my journey as guest professor in Frankfurt.



Einladender: Prof. Dr. Dr. h.c. Henner Hollert

Im Anschluss an die Antrittsvorlesung laden wir herzlich zu einem kleinen Umtrunk ein.

Dieser Vortrag wird auch digital übertragen. Über diesen Link kommen Sie zu der entsprechenden Veranstaltung:

<https://uni-frankfurt.zoom.us/j/61258282868?pwd=NWhGb2d3R1B6NzgzTXN0M1RDUU1Edz09>