

# IN<sup>2</sup>UB INTERNATIONAL RESEARCH SEMINARS

## Nanometre scale paths for minimalist moving molecules

Two nanoscale systems that modestly aim to emulate aspects of biological tracks and walking molecules will be discussed. In the first, rows of copper atoms guide the diffusion of a molecular walker, which offers the prospect of controlled directional movement when chirality is incorporated into the system that operates at room temperature in vacuo. The second case uses self-assembled artificial filaments as a path along which fluorophores are shown to move under the experimental conditions used to visualise the system using a in aqua.

The IN<sup>2</sup>UB invites you to the seminar by

**Prof. Dr. David Amabilino**

University of Nottingham (UK)

**SAVE THE DATE**

**February 26<sup>th</sup>, 2021 at 12.00h.**

**Telematic session by [BB Collaborate](#)**



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