



TU/e
10 April 2015

Plenary lecture

Marileen Dogterom (TUD) - Physica Lecture:
Physics of life in 2015

Abstract:

Marileen Dogterom (TUD) – Physica Lecture: Physics of life in 2015

Physicists are contributing in creative ways to fundamental studies of life at the molecular and cellular scale. After 20 years of spectacular examples in single molecule biophysics, the attention is shifting to more complex (and biologically more interesting) multi-component, cellular, and even multi-cellular systems. I will show current examples of how physics is contributing to an increasingly quantitative approach to real biology.