



SFB 1027 - Seminar

Dr. Peter Loskill

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Integrating microtechnology, microbiology, & tissue engineering: From bacterial adhesion studies to organs-on-a-chip platforms

By combining microfabrication and microtechnology with biological cells and tissue, new powerful opportunities for both fundamental research and technological applications open up. In this talk, I will introduce two different research projects connected by the same underlying idea of integrating microtechnology and biology: i) The modification of AFM-cantilevers with pathogenic bacteria to determine quantitative values for bacterial adhesion, and ii) the integration of human tissue into microfluidic devices to obtain organ-on-a-chip platforms.

Mittwoch, 9.4.2014, 16 Uhr c.t.

Campus Saarbrücken, Geb. E2 9, SR 0.07

Der Gast wird betreut von Karin Jacobs

Alle Interessenten sind herzlich eingeladen,

Der Sprecher des SFB
Heiko Rieger

**SFB 1027 Physikalische Modellierung von Nicht-Gleichgewichtsprozessen
in biologischen Systemen**