

Summer School and Experimental Course

# Tissue as Active Matter --- Quantitative Approaches in Developmental Biology



Göttingen, September 14<sup>th</sup> - 25<sup>th</sup>, 2015

## Lectures by

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## Experiments with quantification

Theory and Computation  
Image Segmentation  
STORM microscopy  
SPIM microscopy  
Junction ablation with UV laser  
Microrheology  
Atomic force microscopy  
Collective cell migration  
Dynamics of cortical acto-myosin  
Cell tracking



Application deadline : 30.6.2015

Course fee,

incl. accommodation: 300€

Registration and more information at:

<http://for1756.uni-goettingen.de/sum15.html>

Sponsor:

DFG SFB937 Collective behaviour of soft and biological matter, DFG FOR1756 Functional dynamics of cell contacts

Organisers: J. Großhans, C. Schmidt, F. Wolf