

# IMCB Invited Speaker



**Speaker : Assoc. Prof. Steve Haase**  
*Associate Professor, Biology Department,  
Duke University, USA*

Date : 14 June 2013 (Friday)

Time : 11:00AM - 12:00PM

Venue : IMCB Seminar Room 3-46, Level 3, Proteos, Biopolis

Host : Dr. Philipp Kaldis

## Seminar :

### **Cycling without cyclins: a transcriptional network oscillator**

The cyclin/CDK system is widely viewed as the master oscillator driving cell-cycle events. However, we have shown that the bulk of the cell- cycle-regulated transcriptional program remains periodic in budding yeast cells arrested by depletion of all S-phase and Mitotic cyclins. We propose that the ordered progression of the cell cycle is driven by coupling cyclin/CDKs and checkpoints to a cascading network of serially activated transcription factors functioning as an autonomous oscillator.

## About the Speaker :

Dr. Haase received his Ph.D. in Genetics from Stanford University. He did his postdoctoral studies with Dr. Steven I. Reed at the Scripps Research Institute, where he was a fellow of the Leukemia Society of America. Dr. Haase then started his own lab in the Dept. of Biology at Duke University in 2003. At Duke, he has been an active member of the IGSP Center for Systems Biology, and served as the Director of Graduate Studies for the Computational Biology and Bioinformatics program.