

Philipps-Universität – LOEWE Zentrum SYNMikRO- 35043 Marburg

University of Cape Town  
Faculty of Health Sciences  
**Prof. Gregory Hussey**  
Private Bag X3  
Rondebosch 7701

### South Africa

LOEWE Zentrum für  
Synthetische Mikrobiologie  
Philipps-Universität Marburg  
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35032 Marburg

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Marburg, February 2015

**Summer School SYNMarburg 2015 "From Microbial Cell Biology to Complex Communities"**  
**September 7 - 18, 2015 in Marburg, Germany**  
<http://www.synmikro.com/synmarburg2015>

Dear Prof. Hussey,

Prof. Dr. Peter Graumann, SYNMikRO and Philipps-Universität Marburg, and his colleagues are pleased to announce that the 3<sup>rd</sup> summer school

### **SYNMarburg 2015 "From Microbial Cell Biology to Complex Communities"**

will be held at the LOEWE Center for Synthetic Microbiology (SYNMikRO) in Marburg, Germany.

SYNMarburg is applicable for students at the end of their studies of natural sciences (M.Sc.), for PhD students and early Postdocs, who will participate in the manifold and interdisciplinary research activities in the center and will gain access to the new area of synthetic biology.

The participation fee for applicants is 300 €. It covers breakfast, lunch, accommodation and travelling in Marburg and a cultural program. Travel grants are available for international students on request and in accordance with regulations of the DAAD (German Academic Exchange Service).

Details for application and the application form can be found on the website

[www.synmikro.com/synmarburg2015](http://www.synmikro.com/synmarburg2015)

Online application is open until April 30, 2015. Please find attached posters and flyers with additional information. We would appreciate if you could post the announcement in your department, to make it known to many students.

Yours sincerely



Peter Graumann  
SYNMikRO  
Philipps-Universität Marburg



Gundula Meißner  
SYNMikRO Graduate School

SYNMarburg 2015 is supported by:

**DAAD**

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

## Venue

SYNMIKRO | LOEWE Center for Synthetic Microbiology  
Philipps-Universität Marburg | Campus Lahnberge  
Hans-Meerwein-Straße 6 | 35032 Marburg, Germany  
and  
Max Planck Institute for Terrestrial Microbiology  
Campus Lahnberge | Karl-von-Frisch-Straße 10  
35043 Marburg, Germany



## Contact

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www.synmikro.com/symmarburg2015

**Online application is requested until  
April 30, 2015**

**[www.synmikro.com/symmarburg2015](http://www.synmikro.com/symmarburg2015)**

Registration fee per person: 300 €  
The fee includes accommodation and travelling in Marburg and a cultural program. Travel grants are available on request in accordance with DAAD regulations



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# SYNMarburg 2015 3<sup>rd</sup> Summer School FROM MICROBIAL CELL BIOLOGY TO COMPLEX COMMUNITIES September 7 — 18, 2015 Marburg, Germany

SYNMarburg offers hands-on experience of cutting-edge scientific methods and topics in synthetic biology

## Program 2015

- Bacterial cell biology from single molecule to super resolution fluorescence microscopy
- Structural biology
- Analysis of bacterial communities
- Heterogeneity and signaling systems
- Insights into synthetic microbiology projects existing in Marburg

The Summer School will start with a symposium on September 7, when many SYNMIKRO groups will present current hot research topics from their laboratories. In two practical blocks, participants will acquire recent cutting edge techniques ranging from microscopy to biochemistry, from single cell analysis to investigation of whole cell communities. Two international guest teachers will extend the SYNMIKRO team of experts, and will give lectures on novel techniques and projects from their laboratories. For four days during the second week, a small individual research project will be carried out in a participating SYNMIKRO laboratory, where new techniques can be acquired and used in depth. The Summer School closes on September 18 with an exciting international symposium, highlighting new developments in the field of synthetic biology, with a connection to the topics dealt with during the workshops and projects. Symposium with international speakers.

**Melanie Blokesch**, Lausanne, Switzerland

**Jean-Willem Veening**, Groningen, The Netherlands

**Victor Sourjik**, Marburg, Germany

**Philipp Holliger**, Cambridge, UK

**Karina Xavier**, Lisbon, Portugal