

SÉMINAIRE D' ANALYSE LIÈGE TRÈVES  
SEMINAR ANALYSIS LÜTTICH TRIER

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We invite most cordially to the next session of our joint seminar.

Friday, February 19, 2010  
**10:15 – 11:45** and **13:15 – 14:45**  
Building E, Room HS 9  
University of Trier

Professor **Helge Glöckner** from Paderborn will speak about

**Infinite-dimensional Lie groups and related topics in functional analysis**

ABSTRACT: I'll give an introduction to the theory of infinite-dimensional Lie groups. Basic ideas, classes of examples and some typical results will be described, as well as open problems and relations to functional analysis. Lie groups which are ascending unions of sequences of Lie groups (or densely contain such a union) will be discussed in more detail, and their relations to locally convex direct limits.

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The campus I of the university is relatively small so that it is not too hard to find the building E of the mathematical department. Parking West is close to it. If you need further information do not hesitate to contact

Leonhard Frerick (Tel.: ++49 651 201 3505, [frerick@uni-trier.de](mailto:frerick@uni-trier.de)) or  
Jochen Wengenroth (Tel.: ++49 651 3499, [wengenroth@uni-trier.de](mailto:wengenroth@uni-trier.de)).