Séminaire d' Analyse Liège Trèves

Seminar Analysis Lüttich Trier

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

Friday, May 14, 2010
10:30 − 12:00 and **13:30 − 15:00**
Building E, Room E 45
University of Trier

Nicolas Kenessey from Trier will speak about

The range of composition operators with smooth symbol

We consider a composition operator $C_\Psi : \mathscr{E}(\mathbb{R}^d) \to \mathscr{E}(\mathbb{R})$, $F \mapsto F \circ \Psi$ with a smooth symbol $\Psi \in \mathscr{E}(\mathbb{R})^d$. For injective Ψ, we prove that C_Ψ has closed range if and only if Ψ is proper, has only critical points of finite order, and induces a Whitney regular curve in $\mathbb{R}^d$.

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

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