

Short visit report

Andras Telcs under the RGLIS - Short Visit Grant - 4645 , spent four days at Technical University Graz, where his host was Prof. DR Wolfgang Woess.

During the visit Andras Telcs gave a seminar lecture entitled

"The resolvent metric and heat kernel estimates".

The talk initiated discussion on further development of the results towards application to hyperbolic graphs and spaces as well as generalization to continuous space-time.

An other fruitful and very long discussion take place with Ecaterina Sava.

Topics covered

Recent research on IDLA on the comb

Recent research on IDLA on fractals

Isoperimetric inequalities

An old problem, existence of recurrent Markov kernels .

From the discussion we hope at least two joint research will be growing out.



Andras Telcs

Budapest. 09.02.2012.