COMBINATORICS
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On a Conjecture of Thomassen

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Abstract: About thirty years ago, Thomassen announced the following conjecture in graph theory: for all positive integers k, g there exists some D such that any graph with average degree at least D must contain a subgraph which has average degree at least k AND at the same time does not contain any cycle of length g or smaller. The conjecture is still open but it is known to be true with some additional constraints on the graph or when g ¡ 6.
This seminar will present joint work with Daniel Martin, Vaclav Koubek, and Vojta Rodl.

Friday, September 6, 2013, 4:00 pm
Mathematics and Science Center: W306

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