1106-37-2282 **Jan P. Boroński** (boronski@osu.cz), National Supercomputing Centre IT4Innovations, Division of the University of Ostrava, 30. dubna 22, 70103 Ostrava, Czech Rep, and **Piotr Oprocha*** (oprocha@agh.edu.pl), AGH University of Science and Technology, Faculty of Applied Mathematics, al. Mickiewicza 30, 30-059 Kraków, Poland. *Inverse limits and attractors in dimension 2.*

In 1990 Barge and Martin presented a method of construction of global attractors of planar homeomorphisms in terms of inverse limits. This technique can also be extended to obtain attractors arising as inverse limits of degree one map of the circle. That way we can obtain attractors with very strange topological structure, such as pseudoarc or pseudocircle.

In this talk we are going to present recent results obtained jointly with Jan Boroński. Among other things, we are going to explain how to obtain a pseudocircle as an attractor of map on a tori with a nonunique rotation vector on it. While it does not solve Franks-Misiurewicz Conjecture, it provides a new method of construction of such attractors. (Received September 16, 2014)