# Choosability of graphs with bounded order

**Jonathan Noel**

(joint work with Bruce Reed, Douglas West, Hehui Wu, and Xuding Zhu)

We discuss some recent results and open problems on the choice number of graphs for which the number of vertices is bounded above by a function of the chromatic number. In particular, we will talk about a proof of Ohba's Conjecture, and some extensions.

## References

[1] J.A. Noel, B.A. Reed, H. Wu, A proof of a conjecture of Ohba, submitted.
[2] J.A. Noel, D.B. West, H. Wu, X. Zhu, A tight bound on the choice number of graphs on at most $3\chi$ vertices, in preparation.