1067-46-1477        **Dietmar Bisch\*** (`dietmar.bisch@vanderbilt.edu`), Vanderbilt University, Department of Mathematics, Nashville, TN 37240. *Subfactors and Planar Algebras.* Preliminary report.

Composition of subfactors is an effective way of constructing new subfactors using well-understood planar algebras via Popa's reconstruction theorem. I will describe some recent constructions using these ideas, and plan to report on some progress towards the classification of small index finite depth subfactors. (Received September 21, 2010)