

## **Algebraic fibrations of surface-by-surface groups**

Stefano Vidussi

*University of California, Riverside*

svidussi@ucr.edu

An algebraic fibration of a group  $G$  is an epimorphism to the integers with a finitely generated kernel. This notion has been studied at least since the '60s, and has recently attracted renewed attention. Among other things, we will study it in the context of fundamental groups of surface bundles over a surface, where it has some interesting relations with some classical problems about the mapping class group.