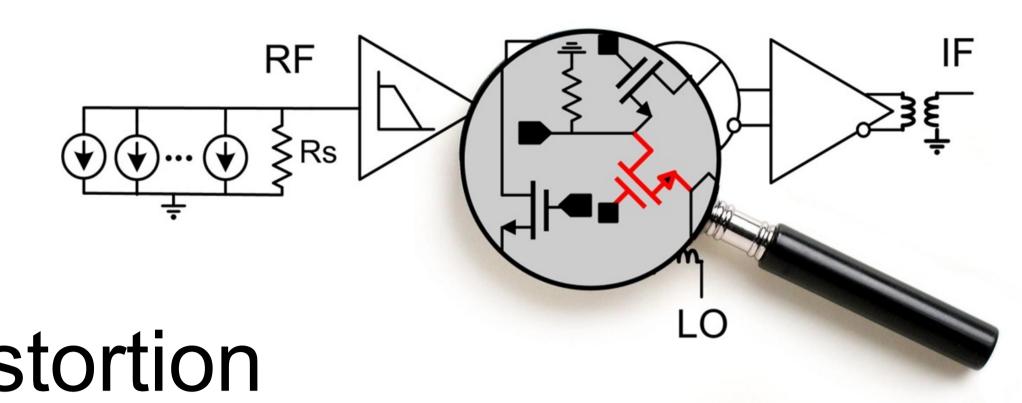
Distortion Contribution Analysis

by combining the BLA and MIMO noise Analysis

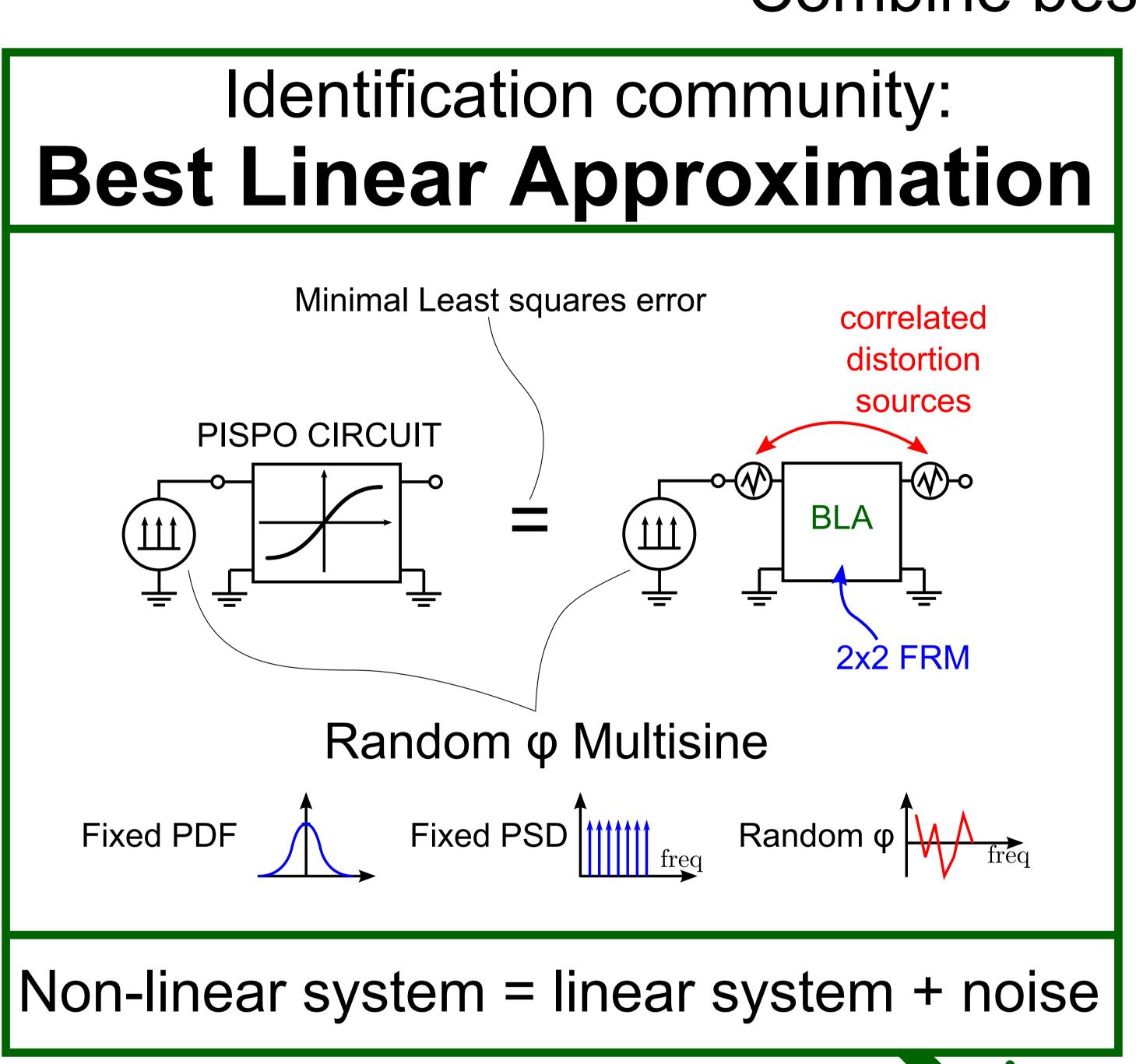
Adam Cooman and Gerd Vandersteen

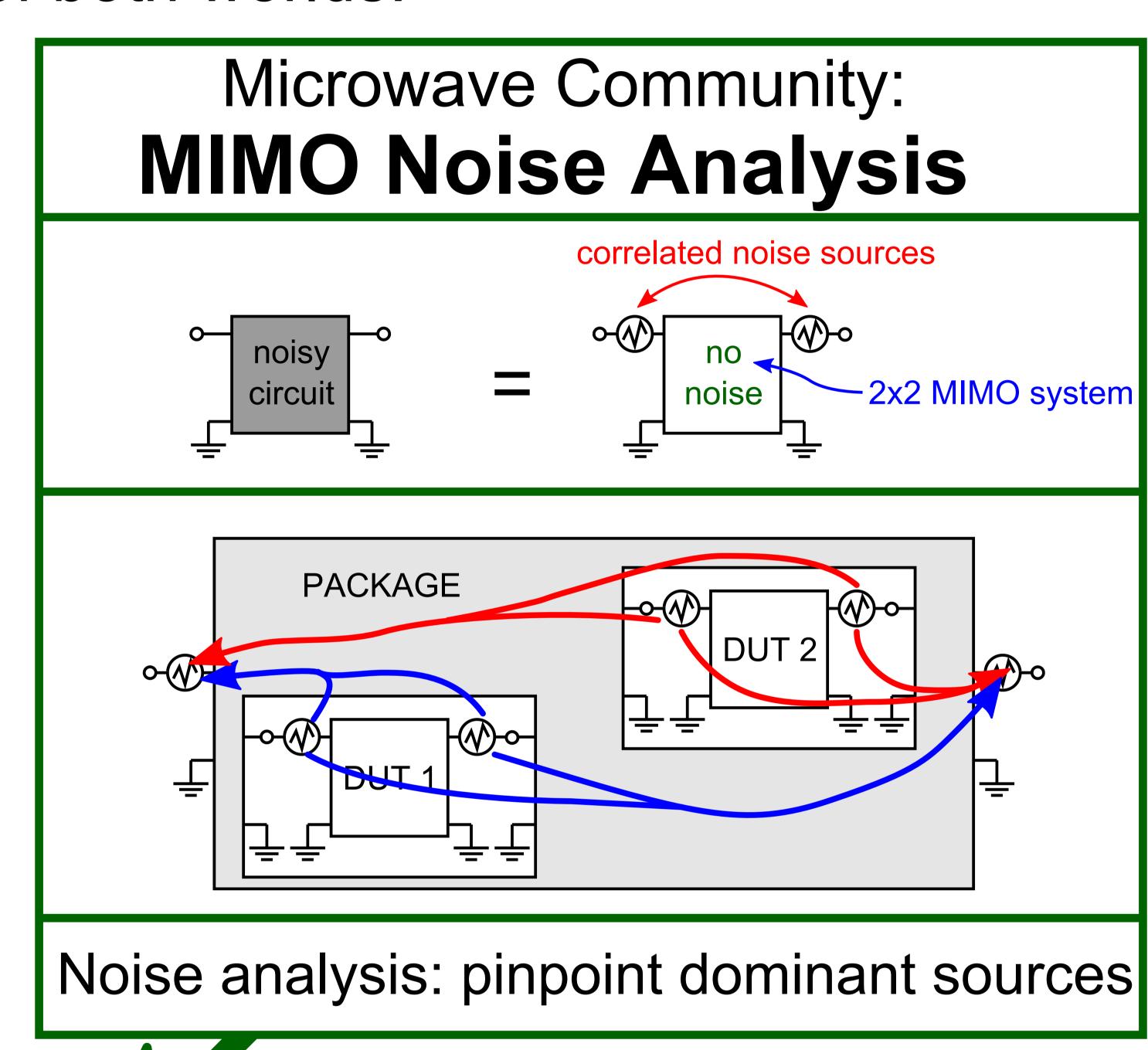
Now: Analog/RF design = linear reasoning Non-linear performance = nuisance

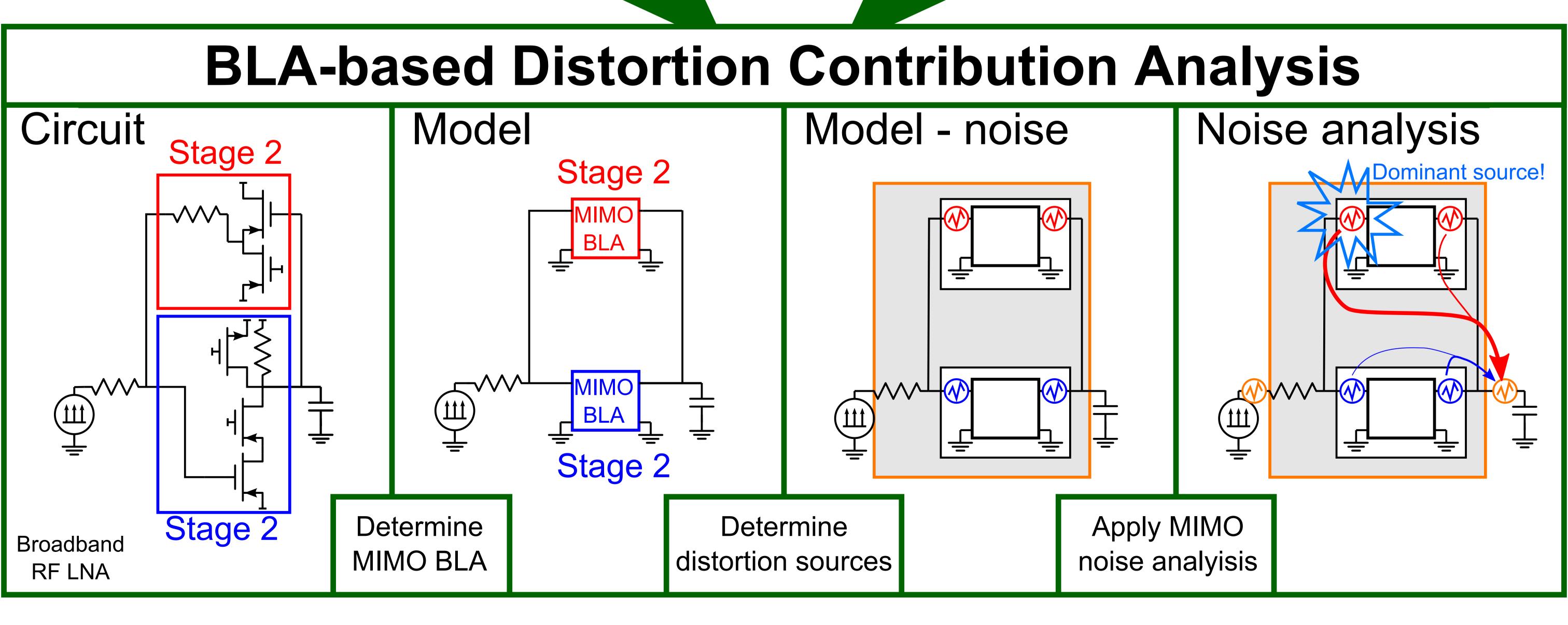
Goal: Locate + identify the dominant source of distortion



Combine best of both worlds:







Fast simulation-based MIMO BLA estimation?

Correlation between distortion generated in different stages?

How to deal with out-of-band distortion?





This work is sponsored by the Vrije Universiteit Brussel, dept. ELEC, Pleinlaan 2, 1050 Brussels, Belgium, Fund for Scientific Research (FWO-Vlaanderen), the Belgian Federal Government (IUAP VI/4) and the Strategic Research Program of the VUB (SRP-19)

