[S33] **Effect of stress on coarticulation.** Augustine Agwuele, Department of Linguistics, Univ. of Texas, Austin, TX, USA. [*Full Paper Available on CD*]

Effects of varying positions of stress from $V_1$ to $V_2$ on VCV sequences were examined. Preliminary results, mainly from the second formant, show that $F_2$ (onset) in CV syllables are influenced by the position of the stressed. For instance, when $V_1$ is stressed and $V_2$ unstressed, $V_1$ exerts a significant influence on the onset of $CV_2$ (perseveratory coarticulation). In contrast when $V_2$ is stressed and $V_1$ unstressed, this effect is negligible. The present analysis offers the possibility of zooming in on systematic details not captured by the locus equations metric.