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Baiying Liu*, 150 N University St, W Lafayette, IN 47907. *On recent progress on Jiang's conjecture on wave front sets of representations in Arthur packets.*

In this talk, I will introduce some recent progress on Jiang's conjecture on wave front sets of representations in Arthur packets. It shows that there is a strong connection between the structure of Arthur parameters and the wave front sets of representations in the corresponding Arthur packets. This include some work joint with Dihua Jiang, and joint with Freydoon Shahidi. (Received January 19, 2021)