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Jiahong Wu* (jiahong@math.okstate.edu), Department of Mathematics, 401 Mathematical Sciences, Oklahoma State University, Stillwater, OK 74078, and **Jie Shen** and **Juan-Ming Yuan**. *Fifth-order Korteweg-de Vries type equations in Sobolev spaces with negative indices*. Preliminary report.

This talk presents recent results on the local well-posedness of the initial-value problem for some fifth-order Korteweg-de Vries type equations in Sobolev spaces with negative indices. (Received September 19, 2006)