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**Linhong Wang\*** ([lwang@selu.edu](mailto:lwang@selu.edu)), Department of Mathematics, Southeastern Louisiana University, SLU 10687, Hammond, LA 70401. *On skew power series rings*. Preliminary report.

Skew power series rings over suitable base rings give new examples of local, noetherian, zariskian (in the sense of Li and Van Oystaeyen) domains, and can be considered as completions of corresponding skew polynomial rings. In this talk, I will be discussing results and open questions on skew power series rings, including recent joint work with E. S. Letzter. (Received September 22, 2009)