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**Xia Chen\*** ([xchen@math.utk.edu](mailto:xchen@math.utk.edu)), Knoxville, TN. *Intermittency and high moment asymptotics for parabolic Anderson equation with an (1 + 1)-dimensional white noise.*

In this talk, we establish  $\lim_{t \rightarrow \infty} \frac{1}{t} E u(t; x)^n = \frac{\theta^4}{24} n(n^2 - 1)$  and  $\lim_{n \rightarrow \infty} \frac{1}{n^3} E u(t; x)^n = \frac{\theta^4}{24} t$  for the parabolic Anderson equation  $\partial_t u(t; x) = \frac{1}{2} \Delta u(t; x) + \theta u(t; x) \dot{W}(t; x)$  with a (1 + 1)-dimensional white noise  $\dot{W}(t; x)$ . Our treatment relies on Tanaka formula and our result appears as a correction of the work by Bertini and Cancrini (1995). (Received January 16, 2015)