概率论系列报告

报告题目(Title)：Minkowski contexnt and the Schramm-Loewner evolution(SLE)

报告人(Speaker)：Professor Greg Lawler

芝加哥大学教授，美国科学院院士

时间(Time)： 7 月 18 日(周四)上午 9:30-10:30

地点(Venue)：北京大学理科一号楼 1418

摘要(Abstract)：The Schramm-Loewner evolution (SLE) arises in finding scaling limtis of random fractal curves in two-dimensional statistical physics. The Minkowski content arises in trying to parametrize these curves with the appropriate fractal paramtrization. Using self-avoiding walk as an example, I will describe how SLE arises and what the "natural parametrization" or Minkowski content of the curve should be. The most recent work is joint with M. Rezaei.

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