``The Superconformal Bootstrap Program''

I will outline the modern bootstrap program for four-dimensional field theories with extended superconformal symmetry. The bootstrap equations neatly split into two classes. There are ``minibootstrap'' equations for supersymmetric quantities, which can be solved analytically, and full-fledged bootstrap equations for non-protected quantities, which can be studied numerically. The entire program relies on general symmetry principles, with no need for ``fields'' or Lagrangians. After a general introduction, the talk will mostly focus on the numerical results of the N=4 bootstrap, and on their interpretation in N = 4 super Yang-Mills theory.

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