1056-00-2004 Radu S Roiban*, 104 Davey Lab #110, Department of Physics, Pennsylvania State University, University Park, PA 16802. Integrable models and the gauge/string duality.

The appearance of integrable models in the context of the gauge/string duality is reviewed. We will summarize the recent progress and emphasize the open problems. (Received September 22, 2009)