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Erin Griesenauer and **Paul S. Muhly*** (paul-muhly@uiowa.edu), Department of Mathematics, University of Iowa, Iowa City, IA 52242, and **Baruch Solel**. *Groupoid Methods in Free Analysis*. Preliminary report.

In this talk, we will discuss recent work of ours concerning the representation of algebras of free analytic as algebras of cross sections of certain holomorphic matrix bundles. Our representation leads to many questions of a groupoid-theoretic nature that are mostly unanswered. We will attempt to describe some of these. (Received August 07, 2015)