1094-43-6 **Alan L. Paterson*** (apat1erson@gmail.com). *The Fourier-Stieltjes algebra of a locally compact groupoid.*

The Fourier-Stieltjes algebra $B(G)$ of a locally compact group G has been much studied, and it is natural to ask if this theory can be extended to the case of a locally compact groupoid G. Fundamental work in this direction was done in papers by J. Renault and by A. Ramsay and M. Walter. The talk will describe how one can develop the theory using the disintegration theorem of Renault-Muhly-Williams and operator space theory, showing in particular how three familiar characterizations of $B(G)$ in the group case - $B(G)$ as the span of positive definite functions, as a dual space and as a space of completely bounded maps - extend in complete generality to the groupoid case. (Received April 13, 2013)