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Ana Caraiani* (caraiani.ana@gmail.com), 20 Madison St, Princeton, NJ 08542, and **Matthew Emerton, Toby Gee, David Geraghty, Vytautas Paskunas** and **Sug Woo Shin**. *Local and global aspects of p -adic Langlands for $GL_2(Q_p)$* .

I will discuss joint work with Emerton, Gee, Geraghty, Paskunas and Shin, which gives a new, short proof (in almost all cases) of the fact that the p -adic local Langlands correspondence for $GL_2(Q_p)$ satisfies local-global compatibility. The method relies on Taylor-Wiles patching of completed cohomology and the notion of projective envelope. (Received August 11, 2015)