

## **Internationalization of innovation activities by global MNCs: dynamics and impacts in Asia**



P.K. Wong

We aim to investigate the trend and pattern of internationalization of innovation activities by global MNCs in Asia, using patents, patent citation and co-inventorship links as the empirical database (Criscuolo et al 2005, Verspagen and Schoenmakers 2004, Frost and Zhou 2005, Singh 2004). In particular, we trace the timing and pattern of geographical diversification of patenting activities into Asia by the 500 largest US patent-owning companies in the world over the period 1976-2007. Among other things, we will examine the extent to which the innovation activities of these companies in non-Japan Asia are driven to exploit home-base technological strengths, or are mainly to tap host-country technological strengths to augment home-base resources (Kuemmerle, 1999). We also study the impact of such foreign subsidiary innovation activities on subsequent innovations by other firms in the host economies.