



# Hamilton Institute

## Exploring Reconfigurability in Wireless Networks

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### *Abstract*

The talk will focus on reconfigurability in wireless networks. Work based on adaptive ad hoc networks and reconfigurable radio will be presented in order to provide a rich picture of reconfigurability options and possibilities in wireless networks.

Of particular interest are networks that are distributed and disaggregated. In distributed and disaggregated networks, network-wide reconfiguration, if indeed possible, will not be achieved through a co-ordinating or controlling entity as a godlike view or god-like control of the network does not exist.

Therefore mechanisms for facilitating global network-wide reconfiguration based on local knowledge only are needed. Novel techniques for achieving network wide consensus will therefore also be discussed.

**Venue:** Seminar Room, Hamilton Institute, Rye Hall,  
NUI Maynooth

**Time:** 1.00 - 2.00pm (followed by tea/coffee)

Travel directions are available at [www.hamilton.ie](http://www.hamilton.ie)