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**Daryl Daley\*** ([dddaley@gmail.com](mailto:dddaley@gmail.com)), Mathematical Sciences Institute, Australian National University, Canberra, ACT 0200, Australia. *Topics in Space-time Modelling*. Preliminary report.

This talk will survey recent work concerning space-time processes in the hope that it may shed light on problems and applications. For simplicity, homogeneity in space and stationarity in time are common assumptions, while when it is sensible, isotropy leads to reduction in dimensionality of the associated mathematical formulation. (Received September 15, 2009)