

***The (In)security of Smart Cities: vulnerable to risks, mitigation and prevention***

***Dr. Martin Dodge***

Smart city technologies are creating new vulnerabilities and risks, including making urban infrastructure and services more insecure, brittle, and open to extended forms of criminal attack. In this talk I examine the current state of play with regards to the security of smart city initiatives, identifying major areas of vulnerability in software and digital infrastructures, and present a number of illustrative examples relating to energy and mobility. The talk will then explore existing mitigation strategies and discuss how these might be better enacted and enforced through market-led approaches and governmental regulation. I will also consider a more radical preventative approach to security.