



Alan Penn is an architect and a researcher at the Bartlett, UCL. He has been directly involved in the development of space syntax techniques and their application in a wide range of research and live project domains. In particular he has specialised in the application of these techniques to the design of large and complex buildings and work environments such as offices, science laboratories and hospitals. At the urban scale he has worked on the use of space syntax for analysis of vehicular flows, as well as for the predictive modelling of urban air pollution distributions.

He has made a significant contribution to the development of new analytic techniques and software for space syntax analysis, and has recently managed projects which have developed software to tackle the representation and analysis of three dimensional spatial systems. He is currently the Director of the Virtual Reality Centre for the Built Environment, a UK Government and industry funded research centre at UCL, in collaboration with Imperial College London, which is developing the use of virtual reality techniques for application to the design, construction and management of the built environment.

#### **Education, Awards & Appointments**

- 1983 MSc in Advanced Architectural Studies (Distinction), University College London
- 1982 RIBA pt III, ARCUK
- 1980 Diploma in Architecture, University College London
- 1979 Field experience year certificate, University College London
- 1978 BSc (Hons) in Architecture, University College London