



## ALAIN RENAUD

### Connected Spaces and Acoustic Morphings

arenaud@bournemouth.ac.uk

The presentation explores several paradigms related to the development of network music performance. The presentation focuses on several streams:

- The experience of real time network music performance over the last four years as part of the Disparate Bodies series (<http://www.sarc.qub.ac.uk/pages/db/> ) and the NetVs.Net collective (<http://www.netvsnet.com/> ).
- The work being undertaken to cue the network to allow more interactive participation between geographically displaced performers through the development of audio/visual cueing mechanisms.
- The use of the network to combine scattered acoustical spaces and the possibility to navigate acoustically though the spaces using a technique known as "acoustic morphings"
- Network performances and combined acoustic spaces as an opportunity to develop a specific style that couldn't happen outside of a networked situation.



Figure 1: Playing 7000 kilometres apart with NetVsNet

Alain B. Renaud

<http://www.alainrenaud.net>

Alain Renaud is originally from Geneva, Switzerland. After several years working as a sound engineer and music industry consultant, he embarked on a PhD. in network music performance at the Sonic Arts Research Centre (SARC) at Queen's University Belfast in 2005. Alain has recently been appointed as a lecturer at Bournemouth University in the southwest of England.

His research focuses on the development of networked music performance systems with an emphasis on the creation of strategies to interact over a network musically and the notion of shared networked acoustic spaces. Alain has published several papers on the subject and has organised various events to introduce networked music performance to the general public. He has been involved in many network music performances in Europe and North America. He has also been invited to present his research in various places such as Banff in Canada and Stanford University in the US, where he was invited as a visiting scholar in the spring of 2007.

Alain is one of the founders of the NetVs.Net music collective, a group which produces, records and performs music only over high-speed networks. He is also involved in the EU network performance project, CoMeDia, which is led by IRCAM in Paris.

In addition, Alain has been involved in music production for a number of years and has been working as a producer for the Montreux Jazz Festival since 1999. He is also a keen electronic music composer/performer and a member of the Audio Engineering Society (AES).

He completed his BA in Audio Engineering in California in 2001 and his MSc. in Music Information Technology at City University in London in 2004.