Carrying out the experimental research project Net_Composition (1) at ZKM

Shinji Kanki
Centre for Music & Technology (2)
Sibelius Acaddemy (3), Helsinki, Finland

2001-10-24

Overview of activity at ZKM during my stay 10/9 – 31/10 2001

Applying multi-streaming playback capability of QuickTime 5 (4), reinterpretation and Internet version of simultaneous-remote-multi-performances of John Cage’s classical 4’33” (5) and Radio Music (6) as well as Eric Satie’s Vexations (7) are conceived and developed, together with my new conceptual work * of Net_Composition.

As a receiver tool for the Internet audience, the custom modified and tuned-up QuickTime player (8) that accepts all damaged, sometimes duplicated, non-time sequenced and, at its worst, the completely lost packets of RTP (Real-time Transport Protocol) streams over IP (Internet Protocol) network, that are caused by erroneous noise in the network media, is developed. The player vividly reveals the reality of the Internet entity and its digital “life” of streaming technology.

Information

(1) Net_Composition Project: refer to the attached “NCannouncement.doc”
(2) Centre for Music & Technology (CM&T): http://cmt.siba.fi/
(3) Sibelius Academy: http://www.siba.fi/
(5) John Cage’s 4’33”: http://www.azstarnet.com/~solo/4min33se.htm
(7) Eric Satie’s Vexations: http://www.af.lu.se/~fogwall/article3.html
(8) The coding is still under development and also confidential.

* J.S.B is walking in the stone garden. – Conceptual music receiver with the custom made/modified QuickTime player.

The custom made QuickTime player mentioned above for the net audience would receive the live stream of Prelude XXIV, h-moll and Fuga XXIV from J.S.Bach’s well tempered clavier book I. This typical linear music composition, a tradition of entire western music, might change it’s musicality to something else, that is caused by the network noise, digital error, the reality of Internet presence.