

Dear MUCP 5680 students:

Philippe Manoury's Jupiter is a sprawling half-hour work that includes the "first use" of more technologies than you can shake a stick at. Written two decades ago, using equipment that no longer exists, it is still being performed and has jumped across several platforms along the way.

For this project, you will study the score, recordings, and if you wish the software of Jupiter; you may also consult the literature available about the piece and its context (either primary and secondary sources). Choose an aspect of the work that is of particular interest to you - one that can be discussed specifically in terms of techniques, aesthetics, and/or history of electroacoustic music. Write an essay of approximately four (pithy and concise) pages supporting a *well-defined thesis*: an insight about this piece (or its relationship to other repertoire or to the field as a whole) that you believe is true, interesting, and supported by the evidence at hand.

Examples (feel free to use any):

Score following as it is proposed in Manoury's Jupiter is a dead end, because it does not solve the most important issues of live interactive chamber music performance.

The sounds in Manoury's Jupiter are emblematic of their era, and can no longer be heard outside of that historical context; presenting this work can be likened to performance of Renaissance music on original instruments.

The several sections of Manoury's Jupiter can be seen as a series of etudes in a new form of music. The distinct sonic, technological, and relational archetypes in each pointed the way toward pieces written later by Manoury and others.

The most interesting technologies used in Manoury's Jupiter have yet to be fully developed. Particular passages point the way toward computer music techniques not yet commonly used, but of possible significance in coming years.

The collaborative process that generated Manoury's Jupiter was one unique to IRCAM, and one that has significant effects on the aesthetic and technical practice of computer music composition, as evidenced by this and other IRCAM works.

The harmonic structure of Manoury's Jupiter generates the form of the work, and is closely linked to the timbral elements of the computer's part.

Due date: May 1 (a week from Friday)

Materials:

You can download a copy of the score *for study purposes only!!!* from:

http://cemi.music.unt.edu/may/4680/Manoury_Jupiter.pdf

and yes, it looks a mess ... I'm told that the publisher has finally released a shiny new computer-engraved version, but I've never seen it.

CD recordings of Jupiter performed by Lars Graugaard and Elizabeth McNutt can be heard at:

http://cemi.music.unt.edu/Jupiter_McNutt.mp3

http://cemi.music.unt.edu/Jupiter_Graugaard.mp3

(again, for study purposes only!!!!)

You can download the software for Jupiter as part of the Pure Data Repertory Project from Miller Puckette's web site:

<http://crca.ucsd.edu/~msp/pdrp/latest/>

The folder you'll download is called pdrp-11. Opening pdrp-11/patch/manoury-jupiter/jupiter.pd will bring up the software for the piece. However, to actually run it you need audio of the flute part. These are available in a copy of pdrp-11 that is on the main drive in MU 2009 (and yes, they are for study purposes only!!!!!!).

To cue up a section of the piece, hit the appropriate "section-start" button at the bottom of the main Jupiter patch window. To run test files, click on "pd readsf" in the middle of the patch window. For each section, the sound files that are needed are listed by number. To run one, click in the "number box" below where it says "soundfile #," type in the number of the file you want to play, and hit return.

Recommended reading:

http://cemi.music.unt.edu/may/4680/McNutt_performing_EA_music.pdf

http://cemi.music.unt.edu/may/4680/May_Manoury_Jupiter.pdf

(get proper citation info from library...)

Background and resources at IRCAM (in French):

<http://brahms.ircam.fr/composers/composer/2165/>

<http://brahms.ircam.fr/works/work/10482/>

<http://brahms.ircam.fr/composers/composer/2165/workcourse/>