MAX/MSP/JITTER
Workshop & Presentations
2006

24 Apr to 28 Apr 2006 -- Advanced Users Workshop

preleminary schedule (might be subject to changes)
(+-> possible meetings with participants will take place parallel to the conferences)

Monday 24

Morning

- - general presentation (J Bernstein + O Pasquet + D Zicarelli + J K Clayton + B Nevile + R Dudas + P Furniss + C Faia)

- - D Zicarelli, R Dudas and J K Clayton news and future in Max, Msp and Jitter.

Afternoon

- - Physical modeling with max and jitter patches (pmpd, RMI, modalys~ and others) (R Dudas + C Faia)

- Motion and gesture capture and recognition practices (still to decide)

- Matrix and vectorial processing ("hands on computers") (J K Clayton)

- Presentation of participants and what they are interested in.

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Tuesday 25

Morning

- Networked systems with OSC, udp, tcp, ftp, streaming, internet queries (still to decide)

- writing Javascript externals and GUI ("hands on computers") (J K Clayton)

- Javascript & Java implementations examples (E Jourdan)

- Natural Language Processing, stt, tts, text and story generation (O Pasquet + R Dudas)

- +-> possible meetings with participants ("hands on computers") (J Bernstein, O Pasquet, R Dudas, D Zicarelli + J K Clayton, C Faia, B Nevile)

Afternoon

- Optimized, complex and "safe" concert patches with interactive experimentations (R Dudas, P Furniss)

- Scientific and artsy data visualisation and clustering (B Nevile)

- data gestion with or without time (mainly pattr, cueslists) (J Bernstein)

- +-> possible meetings with participants ("hands on computers") (J Bernstein, O Pasquet, D Zicarelli + J K Clayton, C Faia, B Nevile)

****** Dudas & Furniss concert : Dudas/Boulez/Reich

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Wednesday 26

Morning

- writing C externals I ("hands on computers") (D Zicarelli, J K Clayton)

- generic tools -> MPTools (M Poletti or A Breitscheid)

- writing Java externals I ("hands on computers") (B Nevile)

- Max, C, Java, Javascript, FTM, shell, python etc... which one to choose? (J K Clayton)

- +-> possible meetings with participants ("hands on computers") (J Bernstein, O Pasquet, R Dudas, D Zicarelli + J K Clayton, C Faia, B Nevile)

Afternoon

- Video transformations and synthesis (keying, convolution, spatialisation etc...) (still to decide)

- Optimized and complex jitter patches (cpu, video cards, pattr etc...) (J K Clayton)

- Randomness, bugs "punk" patches and hijacked max (cooking, gardening...) (O Pasquet + R Dudas)

- Signal processing using Java (D Zicarelli + B Nevile)

- +-> possible meetings with participants ("hands on computers") (J Bernstein, O Pasquet, R Dudas, D Zicarelli + J K Clayton, C Faia, B Nevile)

****** Concert : O Pasquet + J Bernstein performance
              + L Casserley

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Thursday 27

Morning

- Meta-patches (poly~, scripting etc...) (C Brissot + R Dudas)

- Data analysis/synthesis and both artistical and scientific mapping (probablistic and connectionist approaches for interpolations and anticipation) (N Tokui still to decide)

- Audio spectral and dynamic processing (R Dudas)

- Communication between other softwares (Soundflower, Jack, vst~, Proce55ing) (still to decide)

- +-> possible meetings with participants ("hands on computers") (J Bernstein, O Pasquet, R Dudas, D Zicarelli + J K Clayton, C Faia, B Nevile)

Afternoon

- Gesture controllers (JunXion by STEIM (F Baldé, M Waisvisz))

- 3d rendering synthesis (still to decide)

- Instrumental patches and interfaces for performance (B Nevile)

- Useful and pretty useless evolutionary and iterative systems (adaptation, Lindenmayer, particles, jit.bfg, jit.gencoord, jit.expr) (J K Clayton)

- +-> possible meetings with participants ("hands on computers") (J Bernstein, O Pasquet, R Dudas, D Zicarelli + J K Clayton, C Faia, B Nevile)

****** Concert : M Waisvisz + F Baldé (STEIM)
                 Jasch plays "Codespace"

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Friday 28

Morning

- Writing Java externals II ("hands on computers") (B Nevile)

- Max as a software prototyping tool (N Tokui, still to decide)

- Writing C externals II ("hands on computers") (D Zicarelli, J K Clayton)

- Time and generalized musical compositional or improvisations algorithms (set theory, pitch, constains, data compression, description based etc...) (R Dudas + still to decide)

- +-> possible meetings with participants ("hands on computers") (J Bernstein, O Pasquet, R Dudas, D Zicarelli + J K Clayton, C Faia, B Nevile)

Afternoon

- Sonic spatialisation with ambisonics and other various externals (Jasch)

- Interactivity and mapping : video analysis (morphologic, flows, statistics) (still to decide)

- Video art with jitter (still to decide)

- STEIM experimentations (F Baldé, M Waisvisz)

- *****Croissant d'Or 2006*** freestyle competition**

- +-> possible meetings with participants ("hands on computers") (J Bernstein, O Pasquet, R Dudas, D Zicarelli + J K Clayton, C Faia, B Nevile)

****** closing Concert : N Tokui performance (still to decide)