

SDF Meeting, 4 February 1983

(Most of the day was taken in discussion and efforts to come to agreement. The notes below are primarily things taken down from the white-board.)

Research topics	Name of person to write section for inclusion in proposal (copies to be sent to JC,FRM,BV)
1. System Design	
A. Interconnection	(PG) ✓
B. Integration	(DGL)
C. Debugging	(TVR) ✓
D. Storage	(PG)
2. Composer Environment	
A. Performer Interface	(MUZ,FRM,BV)
B. Composition Language	(BIL)
C. Editors	(MUZ)
D. Extensible Representation	(DFP)
3. Performance Interface	
A. Control devices	(FRM)
(Hardware/Software)	
B. Output Display	(PG) ✓
C. Mapping of Control Inputs	(MSP)
D. Scheduling	(TVR) ✓
(RT multiprocessing)	
(See also #3F)	
E. Interpretation	(BV?)
F. Multitasking guided by music intelligence	(MUZ)
4. Signal Processing	
A. DAC-ADC	(---)
B. Chip design	(MSP)
C. Board-level design	(FRM)
D. Control	(TVR) ✓
(Low level control)	
(Intermediate level formerly #4G)	
E. Microcode Compiler	(PG) ✓
F. Algorithms	(JOS) ✓
(Development/implementation)	

For proposal - Describe above research topics as follows:

Task area (in COMITS)

Research needs (what is needed for implementation)

People

Hardware

Software

Time

Dependencies on other tasks, when strong

Should be 2-3 pages

Include appendix if more detailed explanations are needed

Complete by Friday, 18 February - (copies to JC,FRM,David Place for BV)