

From: jos (Julius Orion Smith III)
Date: Tue, 15 Feb 94 14:09:23 -0800
To: dspdist_core
Subject: OTL proposal
Cc: staff
Reply-To: jos@ccrma.Stanford.EDU

Hi All,

After networking around, particularly after speaking with Patte, it appears that our strategy should be to forge one "grand proposal" that coordinates our goals into one well defined project. I see no problem doing this. As I see it, the basic theme is Musical Instruments of the Future, and the basic elements of the research are spectrum analysis appropriate for audio (Levine, Wang, and Putnam), acoustical research and modeling (Van Duyne, Scavone, Gillespi, Berners, Stilson), physical modeling synthesis algorithms (Smith, Stilson, Van Duyne), new controllers (Gillespi, Putnam), and holographic sound output (Trautmann). Did I leave anything out? (We only have three pages, don't forget.)

Please send to jos and avery, by tonight, if possible, your research plans for the next year (only one year's worth), designed to fit into the above overall plan. Avery will forge a first draft of the whole proposal, and tomorrow we will work on it further, coordinating with each of you as needed. My goal is to have the proposal finished by the end of the day tomorrow. It then needs to go to the Music Department, and finally to H&S by Friday. Our schedule leaves Thursday for obtaining all necessary signatures from CCRMA and the Music Department.

Note that we will probably get \$20-30K for this, if we do it right, and we'll have to allocate it where it is most needed among the people in our group for RAs and equipment. An alternative we considered was two proposals (e.g. one on spectrum analysis and one on modeling), but the word is that we're only likely to get one of them funded anyway. (I would be the PI on both). Note that if the average grant is \$25K and \$500,000 is available for this fund, there are 20 grants to be given out to all ranks of the Academic Council University wide. This would indicate it is unreasonable to expect to obtain two slots (10% of the entire fund) for one member of the Academic Council (me), or even for one center on campus (CCRMA).

Good Luck!
Julius