

Subject: Update on Beckman Tests(rpt->lefteri,2/12/04)

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Date: Thu, 12 Feb 2004 18:02:16 -0500

To: tsoukala@ecn.purdue.edu

Dear Lefteri:

Couldn't find you today to talk but thought I would jot some thoughts down.

As agreed upon last week, for attaining final closure to the effort you generously initiated more than a year ago, the testing I promised you on the state-of-the-art Beckman counter is proceeding but is not yet completed.

Upon review of all that has gone around so far, It is now my deep conviction that rather than rely on a retired faculty member- Frank Clikeman to pronounce positions and perform what are never-ending re-analyses, we should rather comprehensively recruit and involve one of our own active and capable professors for independent verification of these new data I have promised to get to the School from my counter. This will create the feeling of ownership and participation among our active faculty, as I/we strive to build a much larger and comprehensive effort in this area.

Along with my ongoing R&D work on sonofusion, per my promise to you I've directed Yiban to deviate time and again to systematically complete the comprehensive testing of samples prepared by Clikeman. I am taking pains to ensure absence of obvious errors prior to dissemination. A lot has been done in terms of calibrations, checks for effects of background, etc.

Shripad has volunteered to in-depth independently review /check each number/formula entry made by Yiban in spreadsheets (with and without background subtraction) for each of the 13 test cases (10 DAcetone, 3 NAcetone). This should be complete early next week after which we'll ensure everyone in the group can critique the raw data tables and results.

Hope we can see you tomorrow before you leave; in any case have a safe and most enjoyable trip to Berlin.

Best, Rusi