BNL Meeting Minutes April 2, 2013

SD Card – ChaN sample code, simpler than microchip

 Modify code for bits where SD card is

 Or start with Microchip’s sample from the library

Can operate SD card fast enough w/o external flash

 Putting flash memory on board just in case

Board design: quad op-amps on board, new amplifier with more bits of gain control, no voltage regulator for amplifier supply, speaker wires from board-screw terminal

Website: FTP on the Notre Dame network only, design finished on dreamweaver

New lasers

Microcontroller free sample from microchip

To Do:

Everyone - Finish board design soon so it can be checked-ready to order by end of next week

Chris - Get SD Card file interface working

Matt - Find new lasers, schematic for package

Ty – touch screen interface, finish website

Billy – load single wave file into internal flash and demo a nice sounding note