

## Agenda for NSF-FRG HPPT of Si, Ge, and Si<sub>3</sub>N<sub>4</sub> Meeting, 10-18-2002

Time	Item
8:30 - 10:30	George, John, and Students to discuss timeline and Research Issues
10:30 - 10:45	NCSU group arrives: Introductions of Entire Group
10:45 - 11:30	John to review Timelines, and follow-up from last meeting
11:30 - 12:10	Research Presentations (2 presentations) NCSU, UNCC, UTK
12:10 - 1:00	Lunch
1:00 - 2:00	Research Presentations (continued) (3 presentations)
2:00 - 3:00	Discussions: (some of these items will be discussed at 8:30 and 3:00) Research and Business Issues (applicable to all) New information/literature reviews, conf., etc. Silicon, Germanium, Silicon Nitride, Silicon Carbide Indenting, Scratching, Machining, SEM, TEM, $\mu$ -Raman, In-situ measurements: Electrical (tool and circuit), x-ray, micro-Raman, IR, HVTEM, Temperature Post Process: Residual stress, force and surface (AFM) analysis Heating: Electrical (resistance), IR, induction Modeling: FEM; cutting (2-D) and scratching (3-D) Fluids: CMP, alcohols ORNL: SHaRE, HTML Other items: Next Meeting Web Site Workshop (Aug. 20-22, 2003) Schedules
3:00	George and UT group to depart
3:00 - 4:00	NCSU and UNCC discuss research issues
4:00	Wrap up and adjourn

Meeting in Cameron 151