

Meeting Minutes
IEEE EDS VLSI Technology and Circuits Committee
December 7, 2002

A. Attendees: Jim Hutchby (SRC), Jason Jenq (UMC), Mark Law (U. Florida), Kwyro Lee (KAIST), Lalita Manchanda (SRC/Agere), Huijing Shang (IBM), S. C. Sun (Chartered Semiconductor), Albert Wang (Illinois Inst. of Tech.)

B. Agenda:

- ◆ Annual report (Jim Hutchby)
- ◆ Ideas for future activities
 - Specific ideas
 - Responsible committee member
- ◆ Identify new candidate members for the committee

C. Key Decisions Made:

#	Decisions Made	Next Steps
1.	For the Committee activities for 2003, decided to pursue initiating and publishing: (Tentative Title – Responsible Committee Member) <ul style="list-style-type: none"> ◆ One special collaborative issue between the Transactions on Electron Devices and the Journal of Solid State Circuits <ol style="list-style-type: none"> 1. Non-classical CMOS Device Design and Related Circuit Concepts – Huijing Shang ◆ Three special issues of the Transactions on Electron Devices <ol style="list-style-type: none"> 1. New Materials and Process Technologies – Huijing Shang 2. RF and Mixed Signal Technologies: Active and Passive Devices, Modeling and Simulation – Albert Wang & S. C. Sun 3. Heterogeneous Integration of Dissimilar Technologies – Kwyro Lee ◆ One special issue of the Journal for Nanoelectronics <ol style="list-style-type: none"> 1. Information Processing Technology and Circuit Architectures beyond CMOS – Lalita Manchanda 	Discuss with colleagues at IBM Discuss with colleagues at IBM Pursue filing an application with TED and decide editors Pursue filing an application with TED and decide editors Explore this idea with the Editor of the Journal for Nanoelectronics
2.	Sponsor two workshops <ul style="list-style-type: none"> ◆ Compact Modeling – Xing Zhou ◆ International Workshop for Future Information Processing Technologies – Lalita Manchanda 	Conduct workshop in Feb 2003 Collaborate with Japanese colleagues to conduct workshop in Japan in August or Sept 2003
3.	Collaborate with the 2003 IEDM Executive Committee to explore possible collaboration in organizing the IEDM's Emerging Devices Session – Jim Hutchby	Stay in Touch with Jeff Welser

D. Action (AI) Items:

#	Action Item Description	Owner	Due date
1.	Special Issues of IEEE Transactions and Journals – See Decisions above for owners and next steps.		
2.	Present the outcomes of this meeting and the Committee's 2002 accomplishments to the EDS Adcom	Hutchby	Dec. 20, 2002
3.	Recruit 4 new committee members from the international community.	Hutchby and Committee	