

## Workshop on Carbon Electronics

| <b>DAY 1 - SEPTEMBER 21, 2010</b>                                  |                                              |
|--------------------------------------------------------------------|----------------------------------------------|
| <b>CNT Sessions</b><br><b>Devices CKTs Chair: Jeff Bokor (UCB)</b> |                                              |
| 8:00 - 8:30 AM                                                     | Introductory Remarks                         |
| 8:30 - 8:45 AM                                                     | Philip Wong (Stanford)                       |
| 8:45 - 9:00 AM                                                     | Subhasish Mitra (Stanford)                   |
| 9:00 - 9:15 AM                                                     | John Rogers (UIUC)                           |
| <b>Process and Metrology</b>                                       |                                              |
| 9:15 - 9:30 AM                                                     | Chongwu Zhou (USC)                           |
| 9:30 - 9:45 AM                                                     | Eric Pop (UIUC) (CNT/graphene)               |
| 9:45 - 10:15 AM                                                    | Discussion                                   |
| 10:15 - 10:30 AM                                                   | Break                                        |
| 10:30 - 10:45 AM                                                   | Michael Fuhrer (U. Maryland)                 |
| 10:45 - 11:00 AM                                                   | Allan MacDonald (UT-Austin)                  |
| <b>Graphene Physics Chair: Sanjay Banerjee (UT-Austin)</b>         |                                              |
| 11:00 - 11:15 AM                                                   | Paul McEuen's Post-Doc (Cornell)             |
| 11:15 - 11:30 AM                                                   | Mark Lundstrom (Purdue)                      |
| 11:30 - 11:45 AM                                                   | Sayeef Salahuddin (UCB)                      |
| 11:45 - 12:00 PM                                                   | Discussion                                   |
| 12:00 - 1:00 PM                                                    | Lunch                                        |
| <b>Synthesis Chair: C.Y Sung (IBM)</b>                             |                                              |
| 1:00 - 1:15 PM                                                     | Michael Capano (Purdue)                      |
| 1:15 - 1:30 PM                                                     | Rodney Ruoff (UT-Austin)                     |
| 1:30 - 1:45 PM                                                     | Jing Kong's Post-Doc (MIT)                   |
| 1:45 - 2:00 PM                                                     | Walter de Heer (Georgia Tech)                |
| 2:00 - 2:20 PM                                                     | Discussion                                   |
| 2:20 - 2:30 PM                                                     | Break                                        |
| <b>Devices/Circuits Chair: Kang Wang (UCLA)</b>                    |                                              |
| 2:30 - 2:45 PM                                                     | Tomas Palacios (MIT)                         |
| 2:45 - 3:00 PM                                                     | Peide Ye (Purdue)                            |
| 3:00 - 3:15 PM                                                     | Qin Zhang (NIST) / Debdeep Jena (Notre Dame) |
| 3:15 - 3:30 PM                                                     | Sanjay Banerjee (UT-Austin)                  |
| 3:30 - 3:50 PM                                                     | Discussion                                   |
| 3:50 - 4:00 PM                                                     | Break                                        |
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| <b>Devices/Circuits <i>Chair: Philip Wong (Stanford)</i></b>                    |                                   |
| 4:00 - 4:15 PM                                                                  | Kang Wang (UCLA)                  |
| 4:15 - 4:30 PM                                                                  | Joerg Appenzeller (Purdue)        |
| 4:30 - 4:45 PM                                                                  | Gerhard Klimeck (Purdue)          |
| 4:45 - 5:00 PM                                                                  | Discussion                        |
| 5:00 - 6:00 PM                                                                  | Poster Session (Day 1)            |
| 6:00 - 8:00 PM                                                                  | Dinner at CSNE                    |
| <b>DAY 2 - SEPTEMBER 22, 2010</b>                                               |                                   |
| <b>Graphene<br/>Architecture/Modeling <i>Chair: Mark Lundstrom (Purdue)</i></b> |                                   |
| 8:00 - 8:15 AM                                                                  | Charles Marcus (Harvard)          |
| 8:15 - 8:30 AM                                                                  | Azad Naeemi (Georgia Tech)        |
| 8:30 - 8:45 AM                                                                  | Mark Hersam (Northwestern)        |
| 8:45 - 9:00 AM                                                                  | Mircea Stan (U. Virginia)         |
| 9:00 - 9:15 AM                                                                  | Ken Shepard (Columbia)            |
| 9:15 - 9:30 AM                                                                  | Wei Wang (SUNY-Albany)            |
| 9:30 - 10:00 AM                                                                 | Discussion                        |
| 10:00 - 10:15 AM                                                                | Break                             |
| <b>Metrology <i>Chair: Alain Diebold (U. Albany SUNY)</i></b>                   |                                   |
| 10:15 - 10:30 AM                                                                | Alexander Balandin (UC-Riverside) |
| 10:30 - 10:45 AM                                                                | Nai-Chang Yeh (Caltech)           |
| 10:45 - 11:00 AM                                                                | Robert Wallace (UT-Dallas)        |
| 11:00 - 11:15 AM                                                                | Phillip First (Georgia Tech)      |
| 11:15 - 11:45 AM                                                                | Discussion                        |
| 11:45 - 1:00 PM                                                                 | LUNCH                             |