

## 2011 SWAN Onsite Review

AT&T Executive Conference Center, Room 203, Austin, Texas

Event ID E004132

### Wednesday, September 14, 2011

|                 |  |   |
|-----------------|--|---|
| 7:30 – 8:30 am  | Registration, Light Breakfast, Poster set up |   |
| 8:30 – 9:00 am  | Welcome and NRI Updates                      | Jeff Welser (NRI)                                       |
| 9:00 – 9:30 am  | Overview of SWAN                             | Sanjay Banerjee (UT-Austin)                             |
| 9:30 – 10:00 am | Condensate Update                            | Allan MacDonald (UT-Austin)<br>Jairo Sinova (Texas A&M) |

10:00 – 10:15 am *Break and Posters*

#### **Session I: Paolo Gargini (Intel), Chair**

|                    |                               |   |
|--------------------|-------------------------------|---|
| 10:15 am – 12:00 n | Pseudospintronics in Graphene | Emanuel Tutuc (UT-Austin)<br>David Abergel (Univ. Maryland)<br>Frank Register (UT-Austin) |
|--------------------|-------------------------------|---|

12:00 – 1:00 pm *Lunch (Posters)*

#### **Session II: Luigi Colombo (TI), Chair**

|                |                            |  |
|----------------|----------------------------|--|
| 1:00 – 1:45 pm | Large Area Graphene Growth | Yaping Wu and Deji Akinwande (UT-Austin) |
| 1:45 – 2:15 pm | Graphene and hBN Growth    | Pulickel Ajayan (Rice)                   |
| 2:15 – 2:45 pm | Nanoscale Heat Management  | Ki Wook Kim (NCSU)                       |

2:45 – 3:00 pm *Break (Posters)*

#### **Session III: Yaw Obeng (NIST), Chair**

|                |   |  |
|----------------|---|--|
| 3:00 – 4:30 pm | Characterization and Modeling of Materials and Processes for Graphene-based Devices | Eric Vogel (Georgia Tech)<br>Robert Wallace and UT-Dallas Team |
|----------------|---|--|

4:30 – 5:00 pm *Break (Posters)*

#### **Session IV: C.Y Sung (IBM), Chair**

|                |   |  |
|----------------|---|--|
| 5:00 – 5:30 pm | Device and Circuit Benchmarking                 | Arjang Hassibi (UT-Austin)<br>Frank Register (UT-Austin) |
| 5:30 – 5:50 pm | Plans   | Sanjay Banerjee (UT-Austin)                              |
| 5:50 – 6:00 pm | Concluding Remarks                              | Jeff Welser (NRI)  |
| 6:00 – 7:00 pm | <i>Poster session (with light refreshments)</i> |  |
| 7:00 pm        | Dinner  |  |

### Thursday, September 15, 2011

|                  |   |  |
|------------------|---|--|
| 7:30 – 8:30 am   | Light Breakfast and Poster Session                  |  |
| 8:30 – 10:00 am  | Closed Intra-Company Caucus (Industry Members Only) |  |
|                  | PI Planning Meeting                                 |  |
| 10:00 – 11:00 am | PI Feedback Session (PIs and Industry Members)      |  |
| 11:00 am         | Adjourn   |  |