



**April 19, 2010**

**JHU/ APL Kossiakoff Center**

**8:30 am – 5:00 pm**

### Agenda

|              |  |  |
|--------------|--|--|
| 8:30-9:00    | Registration & Poster Set-up   |  |
| 9:00-9:20    | Opening Remarks  |  |
| 9:20-10:00   | <b><i>Applications of Nanocrystalline Diamond Films</i></b>                                  | <b>Dr. James Butler, NRL</b>             |
| 10:00 -10:40 | <b><i>Bi Conduits and the Road to Spin-based Electronics</i></b>                             | <b>Dr. Tito Huber, Howard University</b> |
| 10:40-11:10  | Break  |  |
| 11:10-11:50  | <b><i>Measuring Carbon Nanotubes</i></b>   | <b>Dr. Jeffrey Fagan, NIST</b>           |
| 11:50-12:30  | <b>Nanomaterials</b>   | <b>Dr. Viktoria Greanya, DARPA</b>       |
| 12:30-1:30   | Lunch & Poster Session   |  |
| 1:30-2:10    | <b><i>Fluorescence Enhancement by Surface Plasmon Polaritons</i></b>                         | <b>Dr. Christopher Davis, UMCP</b>       |
| 2:10-2:50    | <b><i>Colloidal Assembly on Energy Landscapes</i></b>  | <b>Dr. Michael Bevan, JHU</b>            |
| 2:50-3:20    | Break  |  |
| 3:20-4:00    | <b><i>Building Tissues from the Nanoscale and Beyond</i></b>                                 | <b>Dr. Jennifer Elisseeff, JHU</b>       |
| 4:00-4:40    | <b><i>Cancer Nanotechnology: Lessons Learned from Preclinical Translational Research</i></b> | <b>Dr. Anil Patri, NCL</b>               |
| 4:40-5:00    | Door Prizes & Poster Awards  |  |

**Registration is free and includes lunch if you register by April 1<sup>st</sup>!**

**<http://www.jhuapl.edu/JHUNano>**