**SKKU – NUS Workshop 2015**

Time: January 27, 2015, Tuesday

Venue: Sungkyunkwan University, Suwon, Korea

|  |  |  |
| --- | --- | --- |
| **Time** | **Presenter** | **Topic** |
| 9:00-9:15 |  | Registration |
| 9:15-9:30 |  | Opening |
| 9:30-10:00 | Prof Antonio Castro Neto (NUS) | TBD |
| 10:00-10:30 | Prof Euyheon Hwang (SKKU) | Carrier screening, transport, and relaxation in 3D Dirac semimetals |
| 10:30-11:00 |  | Coffee break |
| 11:00-11:30 | Prof Vitor Pereira (NUS) | Tailoring electronic properties of 2D crystals by strain engineering |
| 11:30-12:00 | Prof Changgu Lee (SKKU) | Synthesis and material properties of MoS2 |
| 12:00-14:00 |  | Lunch / Students Poster Session |
| 14:00-14:30 | Prof Won Jong Yoo (SKKU) | Hetero-structured pn junction devices using 2D crystals |
| 14:30-15:00 | Prof Barbaros Oezyilmaz (NUS) | TBD |
| 15:00-15:30 | Prof Seungwoo Lee (SKKU) | Biomimetic transfer printing for 3D modular assembly of graphene metamaterial device |
| 15:30-16:00 |  | Coffee break |
| 16:00-16:30 | Prof Hyunsoo Yang (NUS) | Spintronic and THz device applications based on graphene and topological insulators |
| 16:30-17:00 | Prof Gil-Ho Kim (SKKU) | Tunable electrical and optical characteristics in lateral monolayer graphene and few-layer MoS2 heterostructure. |
| 17:00-17:30 | Prof Yong-Ho Kim (SKKU) | Single layer of self-assembled peptides on the graphene surface toward protein sensor applications |
| 17:30-18:00 |  | Students Poster Award Presentation / Closing |