NAMIS International Autumn School 2014

Room B08 of Delta Building, NTHU $\,$

Lecture 16 Nanowire field-effect transistor for serum vascular endothelial growth factor detection and cancer diagnosis Prof. Jian-Tai Qiu	
Nanowire field-effect transistor for serum vascular endothelial growth factor detection and cancer diagnosis	
diagnosis	
Department of Biomedical Sciences, School of Medicine, Chang Gung University, Taoyuan, Taiwan	
Lecture 17	
Recent Advances in CMOS Vertical Hall Sensors	
Prof. Oliver Paul University of Freiburg, Germany	
Lecture 18	
Nonlinear Electrokinetics in Nanofluidic System: Fundamentals and Applications of Ion Concentration Polarization.	
Prof. Sung-Jae Kim Energy, Environment and Sustainability Laboratory Department of Electrical and Computer Ebgineering Seoul National University	
Lecture 19	
Biodegradable Microfluidic Systems: Fabrication and Materials Selection	
Prof. Jane Wang National Tsing Hua University, Taiwan	
ınch	
Group Presentation Prof. Yu-Lin Wang National Tsing Hua University, Taiwan	
Break	
Award Farewell	
SEE YOU IN 2015	

Select 4 from 6 Lab Works:

- 1. Testing highly integrated microfluidics a two compartment mixer example(R210, Engineering Building III)
- 2. Paper diagnostic devices.(R227_1, Engineering Building III)
- 3. Measurement of CMOS-MEMS Resonators(R502, Engineering Building I)
- 4. Characterization of miniaturized electronic chemical sensors(R334, Delta Building)
- 5. The synthesis of magnetic fluid(R333, Delta Building)
 6. Spectral measurement of unprecedented electromagnetic response from artificial sub-wavelength structures(R107, Materials Science Laboratory)

^{**} Poster Presentation: one person 5 mins.

^{**} Group Presentation: one team 15 mins.