

2012 Wu Ta-You Science Camp Curriculum

	Aug.5 (Sun.)	Aug.6 (Mon.)	Aug.7 (Tue.)	Aug.8 (Wed.)	Aug.9 (Thur.)	Aug.10 (Fri.)
07:30-08:00		Breakfast				
08:00-08:30		Open Ceremony <i>Dr. Tsong P. Perng</i> Introduction of Dr. Wu Ta-You	Enter Speech Venue at 08:20			
08:30-10:00		Speech <i>Sumio Iijima</i> Discovery of Carbon Nanotubes: Their Impact to Academia and Industry	Speech <i>Zhong Lin Wang</i> The Science and Technology of Nanogenerators and Piezotronics	Speech <i>Dean Ho</i> Diamond-based Nanomedicine: Targeted Cancer Therapy and Imaging	Speech <i>Yury Gogotsi</i> Nanomaterials for Energy Related Applications	Final Discussion Session
10:00-10:30		Group Photo Taking	Coffee Break			Free Time for Packing
10:30-12:00		Speech <i>Maw-Kuen Wu</i> Materials for Sustainable Energy-Recent Development in Superconductivity and Thermoelectricity	Speech <i>Li-Chyong Chen</i> Tackling the Catalyst Challenge for Hydrogen-based Energy Applications	Speech <i>Huan-Cheng Chang</i> Fluorescent Nanodiamond: A Versatile Material for Optical Bioimaging	Speech <i>Ite A. Yu</i> Cold Atoms for Quantum Simulators and Matter-Wave Interferometers	
12:00-13:10	Registration 13:30 ~ & Check-in	Lunch				
13:10-13:50		Lunch Break (Enter Speech Venue at 13:50)				
14:00-15:30		Speech <i>Fu-Liang Yang</i> Review and Outlook for Semiconductor Processing Technology	Forum <i>Tsong P. Perng (moderator), Fu-Liang Yang, Hong Hocheng, Zhong Lin Wang, Jong-Min Liu</i> From R&D to industrialization of new materials	Speech <i>Chain-Shu Hsu</i> Recent Progress in Organic Semiconductor Materials and Devices	Hiking	
15:30-16:00		Coffee Break				
16:00-17:30		Discussion with Masters	Discussion with Masters	Discussion with Masters		
18:00-19:00		Dinner 18:00-20:00	Dinner			Dinner 18:00-20:00
19:30-21:30	Welcome Party 20:00-21:30	Introduction & Discussion on Cutting-edge Topic <i>Introduction: Fu-Liang Yang</i> <i>Moderator: Wei-Hsin Sun</i> Patent application vs. advancement of science	Introduction & Discussion on Cutting-edge Topic <i>Introduction: Li-Chyong Chen</i> <i>Moderator: Wei-Hsin Sun</i> Creating new materials vs. medical and health risk	Introduction & Discussion on Cutting-edge Topic <i>Introduction: Chain-Shu Hsu</i> <i>Moderator: Wei-Hsin Sun</i> Environmental impact vs. mining of precious materials	Farewell Party 20:00-22:00	