

# 2014

Extreme Sciences:

# Explore the Unknown Environments

Wu Ta-You Science Camp

極限科學：探索未知環境

## 2014 Wu Ta-You Science Camp Curriculum

	Aug.10 (Sun.)	Aug.11 (Mon.)	Aug.12 (Tue.)	Aug.13 (Wed.)	Aug.14 (Thur.)	Aug.15 (Fri.)
07:30-08:00		Breakfast				
08:00-08:30		Enter Speech Venue at <b>07:50</b> <b>8:00-8:30</b> <b>Open Ceremony</b> Introduction of Dr. Wu Ta-You Dr. Cheng-Wen Wu	<b>Enter Speech Venue at 08:20</b>			
08:30-10:00		<b>Speech</b> Ho-Kwang Mao High Pressure-A New Dimension in Physics, Chemistry, Earth and Materials Sciences.	<b>Speech</b> Cheng Chin New Physics and Chemistry at Nano-Kelvin Temperatures.	<b>Speech</b> Chi-Chang Kao Matter under Extreme Conditions.	<b>Speech</b> Shih-Chang Lee Exploring the Universe from the International Space Station.	Final Discussion Session
10:00-10:30		Group Photo Taking	Coffee Break	Coffee Break	Coffee Break	Free Time for Packing
10:30-12:00		<b>Speech</b> Wei-Hsin Sun Search for Other Solar Systems - the Latest Findings in the Study of Exoplanets.	<b>Speech</b> Maw-Kuen Wu Surprising Properties of Matters in Nano-Scale.	<b>Speech</b> Jyhpyng Wang Principles and Applications of High-Intensity Lasers.	Group Discussion	
12:00-13:10	Registration <b>13:30 ~</b> & Check-in	Lunch				
13:10-13:50		Lunch Break (Enter Speech Venue at 13:50)				
14:00-15:30		<b>Speech</b> Pisin Chen Our Amazing Universe!	<b>Faculty-Student Dialogue</b>	<b>Speech</b> Chia-Wei Li Ways to Sense Environmental Signals by Creatures on Earth: A Lesson for Exploring Extraterrestrial Life.	Hiking	Departure 「A Free Tour provided by NMNS: Visiting Chelungpu Fault Preservation Park and the National Museum of Natural Science」 13:30 ~17:30
15:30-16:00		Coffee Break	Coffee Break	Coffee Break		
16:00-17:30		<b>Faculty-Student Dialogue</b>	<b>Forum</b> Cheng-Wen Wu (moderator), Tsong-Pyng Perng, San-Cheng Chang, Chi-Chang Kao, Ting-Kuo Lee, Shih-Chang Lee, Ho-Kwang Mao Long-Term Policies for the Development of Science and Technology.	<b>Faculty-Student Dialogue</b>		
18:00-19:00	Dinner <b>18:00-20:00</b>	Dinner			Dinner <b>18:00-20:00</b>	
19:30-21:30	Welcome Party <b>20:00-21:30</b>	<b>Introduction &amp; Discussion on Cutting-edge Topic</b> Introduction: Pisin Chen Moderator: Wei-Hsin Sun	<b>Introduction &amp; Discussion on Cutting-edge Topic</b> Moderator: Wei-Hsin Sun	<b>Introduction &amp; Discussion on Cutting-edge Topic</b> Introduction: Chia-Wei Li Moderator: Wei-Hsin Sun	Farewell Party <b>20:00-22:00</b>	