

# 演講時程 / Session Schedule

Date : 103 年 11 月 29 日(星期五) / November, 29<sup>th</sup>, 2013 (Friday)

Location:地質科學系 213 會議室 / Room 213, Department of Geosciences

| 時間<br>Time                   | 演講者與演講題目<br>Speakers and Topics  | 頁碼<br>Page |
|------------------------------|--|------------|
| 09:20-09:30                  | 開幕/Opening Ceremony  |            |
| <b>Session 1, Chair: 劉慶怡</b> |  |            |
| 09:30-09:50                  | 郭迦豪 Chia-Hao Kuo<br>The preliminary study on the hydroxyapatite thermal decomposition  | 1          |
| 09:50-10:10                  | 詹宛真 Wan-Chen Chan<br>Tracer tests in the fractured rock to investigate preferential groundwater flow   | 2          |
| 10:10-10:30                  | 蔣孟庭 Meng-Ting Chiang<br>Two left-coiling events of planktonic foraminifer genus Pulleniatina during the early Pleistocene: Insights from population dynamics observed from foraminiferal assemblages in Core ODP 1115B, western equatorial Pacific | 3          |
| 10:30-10:50                  | 詹文修 Wen-Shiou Jan<br>Process study and related risk analysis of CO <sub>2</sub> gas well injection and storage operations  | 4          |
| 10:50-11:00                  | <b>COFFEE BREAK</b>  |            |
| <b>Session 2, Chair: 簡珮如</b> |  |            |
| 11:00-11:30                  | <b>Invited Talk</b><br>Speaker: Dr. Li-Wei Kuo (郭力維)<br>Fault mirrors of seismically active faults: A fossil of small earthquakes at shallow depths  | 5          |
| 11:30-12:00                  | <b>Invited Talk</b><br>Speaker: Dr. Hsin-Hua Huang (黃信樺)<br>Retrieving the lithospheric structures beneath Taiwan region by nonlinear joint inversion of local and teleseismic data: Slab continuity and deflection                                | 6          |
| 12:00-13:20                  | <b>LUNCH BREAK</b>   |            |

| <b>Session 3, Chair: 林俞青</b> |  |    |
|------------------------------|--|----|
| 13:20-13:40                  | 陳棋炫 Chi-Hsuan Chen<br><b>Re-examining source parameters of the 2012 Wutai, Taiwan earthquake</b>   | 7  |
| 13:40-14:00                  | 尤水輝 Shuei-Huei You<br><b>Seismic study beneath Taal Caldera, Philippines</b>   | 8  |
| 14:00-14:20                  | 徐志煌 Chase J. Shyu<br><b>The thermal-mechanical evolution of Mid-Hsuehshan Range, Taiwan: Through numerical modeling and zircon fission track ages</b>  | 9  |
| 14:20-14:40                  | 黃韶怡 Shao-Yi Huang<br><b>Tracking the Yadong-Gulu Rift belt with multiple thermochronometers on modern detritus from Yarlung-Tsangpo River</b>  | 10 |
| 14:40-15:00                  | <b>COFFEE BREAK</b>  |    |
| <b>Session 4, Chair: 沈姿岑</b> |  |    |
| 15:00-15:20                  | 康威廉 William M. Keyser<br><b>Contrasting compositional trends of amphiboles in the Chinshuichi area, Yuli belt, eastern Taiwan: a tectonic mélange</b>  | 11 |
| 15:20-15:40                  | 羅立 Li Lo<br><b>Non-linear response of South-WPWP SST to greenhouse gases forcing changes during the past 360,000 years</b>   | 12 |
| 15:40-16:00                  | 陳麗雯 Liwen Chen<br><b>Fluid flow patterns derived from bottom simulating reflections offshore southwestern Taiwan</b>   | 13 |
| 16:00-16:20                  | 楊順中 Shun-Chung Yang<br><b>Cd isotopic fractionation in some marine phytoplankton: The effect of Zn and Fe availability</b>   | 14 |
| 16:20-16:40                  | 吳健瑜 Chieh-Yu Wu<br><b><i>In-situ</i> <math>^{40}\text{Ar}/^{39}\text{Ar}</math> laserprobe study of deformed biotites in the Day Nui Con Voi metamorphic complex, northern Vietnam and its tectonothermal implications</b> | 15 |