








WCPT-AWP & ACPT Congress 2013

Sep. 5-9, 2013, Taichung, Taiwan

Organizers:

-  Asia-Western Pacific Region of WCPT
-  The Asian Confederation for Physical Therapy
-  Taiwan Physical Therapy Association (TPTA)
-  School and Graduate Institute of Physical Therapy, National Taiwan University
-  China Medical University

WCPT-AWP & ACPT Congress 2013

Health Promotion through Physical Therapy

WCPT-AWP & ACPT Congress 2013

- The 6th Asia-Western Pacific Regional Congress of the World Confederation for Physical Therapy
- The 12th International Congress of Asian Confederation for Physical Therapy

Main Theme: Health Promotion through Physical Therapy

Sep. 5-9, 2013, Taichung, Taiwan

Program Book



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Distinguished Guests, Honourable Speakers, Ladies and Gentlemen,

On behalf of the host, the Taiwan Physical Therapy Association, I would like to extend my warm welcome to all the guests to the combined meeting of the 6th WCPT-AWP and the 12th ACPT Congress. We have come together today to step up our efforts in promoting health through physical therapy – turning the challenges that we have faced in the modern society into opportunities.

Physical therapy matters, for many reasons: for the youngsters, to get a good start in development and life; for the diseased and injured, to recover their ability and gain strength and confidence back to the community; for the elderly, to keep up their stamina and independence as they aged; for those who approaching end of life, to provide comfort in both physical and emotional needs; and for elite athletes, to prevent injury and strike for another success in the field. And physical therapy matters to people suffered from consequences of disasters such as earthquake, tsunami, or war, which in this region of the world are never uncommon.

The theme of this Congress is ‘Health Promotion through Physical Therapy’. Delivering good physical therapy services worldwide requires universal involvement, but nevertheless, needs to reflect unique culture and environmental needs. That’s why we are gathered here – to share knowledge and break new ground in pinpoint specific areas of today’s society, to look at how Asian and Pacific-rim countries can overcome barriers to health through the hands of physical therapists.

I am confident that all of us at this timely conference will take the lead, and fulfill the aim of the congress in promoting global health.

Please allow me to wish you an excellent conference with great ideas and interesting discussions, and particularly wish our distinguished guests from abroad a happy and memorable stay in Taichung, Taiwan.

Thank you.



Wen-Ta Chiu
Minister, Ministry of Health and Welfare



Colleagues & Friends,

I am delighted to be joining all of you for this 6th Asia Western Pacific Regional Congress of the World Confederation for Physical Therapy here in beautiful Taiwan, and I bring you warmest congratulations and greetings from the Executive Committee and Secretary General of WCPT. What a proud moment it is for our host member organization – the Taiwan Physical Therapy Association – in light of the fact that they have organized an exciting, broad-based scientific program along with special opportunities for socialization and sightseeing.

WCPT aims to improve the quality of global health by representing physical therapy and physical therapists internationally through communication, exchange of information, and cooperation with international and national organizations. We also exist to encourage high standards of physical therapy through research, education, and practice. When regionalization was introduced into WCPT in 2007, the Asia Western Pacific Region became our second largest region, and it is a region that has been experiencing continued growth.

As I travel the world and meet many physical therapists and hear their aspirations and vision for the future of our profession, I have become increasingly aware of the diversity of the profession on one hand, and yet on the other hand the more similarities there are amongst us. There is a common bond that drives us all and that bond is the desire to provide a better and higher quality of life for our patients and clients. It matters not what techniques or skills or equipment we use – what does matter is that we all want the best possible outcomes for our patients and clients; and we want service delivery to be efficient and effective.

Our position at the forefront of health services delivery emphasizes our strengths as experts in the management of patients/clients with aging, injury, pain, diseases, disorders, or conditions of the neuro-musculo-skeletal and cardio-vascular-pulmonary systems and as exercise experts across the age span. Our profession has demonstrated our effectiveness in reducing the cost burden of dysfunction and disability and improving the quality of life.

I do believe that the prospects for the profession of physical therapy in the Asia Western Pacific Region are exceptional. You have outstanding faculties in many of your countries, your member organizations have many ambitious projects that will enhance the growth of the profession and the skills of your practitioners, and you have been an active region in WCPT.

May your future be as bright as you want it to be and may the visions for the future of the profession reach fruition. WCPT is delighted to have the continuing and active participation of the Asia Western Pacific Region. Congratulations and best wishes to you all during this congress.

Marilyn Moffat

Dr. Marilyn Moffat
President, WCPT



Dear All,

It gives me great pleasure to welcome you all to the 6th Asia West Pacific region Conference in Taichung. I am looking forward to meeting with many of you at this Conference.

We have colleagues attending from a large number of countries in the region. I hope everyone will meet someone new from another country and exchange ideas and friendships.

The Scientific committee have put together an excellent program with topics of great interest to our profession, enjoy them and the discussions that follow. It is important that we are all listening to and reading about the latest evidence for our practice.

I hope you all enjoy yourselves at the Conference

Best wishes



Gillian Webb
Chair, AWP, WCPT



Good day, Ladies and Gentlemen,

It's a pleasure to be given the opportunity to host the sixth WCPT-AWP and twelfth ACPT International Congress in Taiwan this year.

Physical therapy is now a globally acknowledged and respected health profession, with the latest developments in physical therapy further affirming its role in improving patient's quality of life and achieving holistic health.

Taiwan first became a member of WCPT in 1982 and has battled through many obstacles with the WCPT along the way. Taiwan is also one of the founding members of ACPT in 1980 and hosted its first congress in 1993 successfully. Over the years, Taiwan also continues to dedicate efforts to improve physical therapists' educational programs and services. This year, we hope to address the topic of "Health Promotion Through Physical Therapy" by combining the harmonic healthy lifestyle approach adopted by Eastern Medicine with conventional physical therapy. We believe that this method may be very effective and beneficial to patients.

I would like to take this opportunity to extend my gratitude to all the attending guests and members from all over the world. I hope that, after this congress, the role of physical therapists in health promotion can flourish further on a global scale.

My best wishes to you all. Thank you!

Chien Wen-Jen

Wen-Jen Chien
ACPT Chairman-Elect



Dear Colleagues and Friends,

Welcome to the 6th World Confederation of Physical Therapy– Asia Western Pacific Region (WCPT-AWP) & the 12th Asian Confederation of Physical Therapy (ACPT) Congress! It is the honor of Taiwan Physical Therapy Association (TPTA) to host the ACPT Congress again after the 5th ACPT Congress in 1993 in Taipei, Taiwan. It is also our greatest privilege to organize the 6th AWP Congress for the Region and to serve as a bridge between the AWP and ACPT to share the common interests in the area and the profession. We are delighted to know that there are approximately 1000 delegates from over 30 countries attending the Congress including Afghanistan, Australia, Bahrain, Cambodia, Canada, China, Egypt, Fiji, Finland, Hong Kong, India, Iraq, Japan, Jordan, Korea, Kuwait, Macau, Malaysia, Nepal, New Zealand, Pakistan, Philippines, Saudi Arabia, Singapore, South Africa, Sri Lanka, Thailand, United Kingdom, United States, Vietnam, and Taiwan.

To make this Congress a remarkable one, the Organizing Committee has recruited over 100 faculties, clinicians and students in the planning and organization of the programs and activities. We have conducted many meetings in Taipei and Taichung to go through every preparatory procedure and have obtained financial support from several resources including the National Science Council, Department of Education, Department of Economics, physical therapy schools, and private sectors in Taiwan. The Scientific Committee has made serious efforts to provide wide range of interesting topics under the theme of *“Health Promotion Through Physical Therapy.”* The Congress has offered a total of 6 pre-conference workshops, 7 symposiums, 1 education forum and 2 hospital visits that shall provide you the most wonderful opportunities to interact and communicate with physical therapy clinicians, educators, researchers and many more from interdisciplinary fields. Furthermore, we have planned a Gala dinner party to celebrate with you *World Physical Therapy Day* and the Sun-Moon Lake tour for sightseeing!

I would like to thank you for your participation in the 2013 WCPT-AWP & ACPT Congress. I hope you all enjoy the programs and activities, see old friends, meet new friends, and visit the scenic and cultural sites in Taiwan. With best wishes and regards to all of you!



Suh-Fang Jeng
President of Taiwan Physical Therapy Association
Chair of Organizing Committee, 2013 WCPT-AWP & ACPT Congress



Dear colleagues,

As the Chair of this year's WCPT-AWP & ACPT Combined Congress, it is my greatest pleasure to welcome you to attend one of the most stimulating physical therapy conference here on September 5-9, 2013 in Taichung, Taiwan.

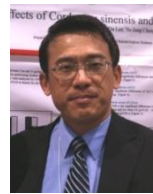
It is a unique chance for China Medical University among the five organizers to assist this combined meeting, in particular to hold the six pre-congress workshops and one of the hospital visits, in the center of Taichung City. China Medical University, which currently ranks 453th in the 2012 Academic Ranking of World University and top 7 in the medical field in Asia, is proud to present the best environment for the workshops and also promise you a very stimulating hospital visit where you'll see how east met west in physical therapy.

I also urge you to fully participate the wide spectrum of scientific programs as well as social activities, with the touch Asian flavor. Taichung is not only one of the largest cities in Taiwan but also has the best climate all year round. I hope you will enjoy your stay here inside as well as outside the congress.

With best wishes and regards,



Prof. Shin-Da Lee
2013 WCPT-AWP & ACPT Congress Chairman



Dear colleagues,

On behalf of the Scientific Committee, I warmly welcome all of you distinguished researchers, academics, students and health professionals from around the world gathered here in Taichung, Taiwan, for the combined meeting of the 6th Asia Western Pacific Regional Congress of the World Confederation for Physical Therapy and the 12th Asian Confederation for Physical Therapy Congress.

Rising to the challenges of providing an outstanding agenda for the Congress meeting, the 2013 WCPT-AWP and ACPT Congress Scientific Committee has been busy since the conclusion of the successful 2011 Congress meeting in Amsterdam. Devoted to this year's congress theme, *Health Promotion Through Physical Therapy*, prominent clinical researchers as well as health experts are presenting new ideas, critical perspectives, and original research covering the entire spectrum of disciplines related to Physical Therapy.

The Congress is organized in plenary sessions, symposia, workshops, oral presentations and posters. After the rigorous review process of the Scientific Committee and invited reviewers, a total of 750 abstracts were accepted for oral and poster presentation. The large number of abstracts received is evidence of the growing recognition of the integral importance of Evidence Based Practice for the Physical Therapy profession. I would like to thank all the authors who have contributed excellent papers, and regret that some interesting papers were not accepted due to the limited time and space available.

The success of any Congress depends on the speakers, the presenters, the attendees, the sponsors as well as the organizing committee members. I am grateful to everyone involved in creating such an interesting and enriching scientific program and making the 2013 WCPT-AWP and ACPT Congress a reality. In particular, a very heartfelt thank you must go to the 123 reviewers that provided their expertise and time in reviewing the many excellent abstracts received. Many of the reviewers will also act as the Chair and/or Moderator for the Congress. Again, this Congress would not have been possible without the help from so many people.

My warm wishes to all participants for many stimulating exchanges and may the 2013 WCPT-AWP and ACPT Congress be the start of many adventures in your future endeavors.



Jau-Yih Tsauo
PT, PhD, Professor
Chair of the Scientific Committee



About WCPT-AWP

World Confederation for Physical Therapy (WCPT) changed its structure and resulted in the establishment of five WCPT Regions with autonomous regional committees in 1991. The five autonomous regions include Africa Region of WCPT, Asia Western Pacific Region of WCPT, European Region of WCPT, North America Caribbean Region of WCPT, South America Region of WCPT. The main intention was to encourage opportunities for more frequent contact among members with similar cultural, economic and social outlooks. The Asia Western Pacific Region comprises 26 member organisations that spread from the Middle East through Asia to the Pacific including Afghanistan, Australia, Bahrain, Bangladesh, Cambodia, Fiji, Hong Kong, India, Indonesia, Iran, Japan, Korea, Kuwait, Macau, Malaysia, Nepal, New Zealand, Oman, Pakistan, Philippines, Saudi Arabia, Singapore, Sri Lanka, Taiwan, Thailand, and U.A.E.

The key aims of the Region are:

- *To establish closer cooperation among member organisations of the Region.
- *To represent the profession of physical therapy in the Region in consultation with or as delegated by the Executive Committee.
- *To cooperate with the various international organisations in the region in promoting WCPT objectives.
- *To initiate new and promote established professional activities within the region which further the aims of WCPT.
- *To formulate resolutions regarding matters of regional or geographical concern for proposal to the Executive Committee and WCPT General Meeting.

The Region holds a meeting of member representatives every two years - in conjunction with the WCPT Congress and then a meeting in association with a conference hosted by a member organisation. Since 1991 meetings in the Region have been hosted by Hong Kong (1st), Indonesia (2nd), Singapore (3rd), Korea (4th) and India (5th). In 2013 the meeting will be held in Taiwan (6th).

The WCPT-AWP Region has an Executive Committee which is elected by all AWP member organizations.

About ACPT

The Asian Confederation for Physical Therapy (ACPT) has been established since April 27, 1980 in Taipei. The main purpose of this organization is to promote the professional growth of the physical therapy in Asia. The original members are Indonesia, Japan, Malaysia, Korea, Philippines, Thailand and Taiwan. The first General Assembly was held in Bangkok, Thailand in 1981. Since then, eleven General Assemblies were held in different member countries every three years according to the constitution.

ACPT Congress

Term	Main Theme	City, Nationality, Year
1 st	N/A	Bangkok, Thailand, 1981
2 nd	Consolidation and Action	Seoul, Korea, 1984
3 rd	Growth and Advancement of Physical Therapy in Asia	Tokyo, Japan, 1988
4 th	Physical Therapy Toward Health for All	Jakarta, Indonesia, 1990
5 th	Physical Therapy Meets the World	Taipei, Taiwan, 1993
6 th	Current Trend in the Management of Musculoskeletal Disorders	Kuala Lumpur, Malaysia, 1996
7 th	Development Amidst Diversity in the 21th Century	Manila, Philippines, 2000
8 th	Physical Therapy Through the Year 2002	Bangkok, Thailand, 2002
9 th	Future in Physical Therapy: Benefit for All	Seoul, Korea, 2005
10 th	Moving Physical Therapy in Asia	Chiba, Japan, 2008
11 th	Moving Physical Therapy in Asia: Culture, Movement and Science	Bali, Indonesia, 2010
12 th	Health Promotion through Physical Therapy	Taichung, Taiwan, 2013

Organizers and Committees

Organizers



Asia Western Pacific Region of WCPT



The Asian Confederation for Physical Therapy



Taiwan Physical Therapy Association



School and Graduate Institute of Physical Therapy, National Taiwan University,
Taiwan



China Medical University, Taiwan

Co-Organizers



Corporation Aggregate National Federation of Associations of Physical
Therapists, Taiwan R.O.C.



School of Physical Therapy, Chung Shan Medical University, Taiwan



Department of Physical Therapy, HungKuang University, Taiwan

Organizing Committee

TPTA President

Suh-Fang Jeng 鄭素芳

ACPT Chairman-Elect

Wen-Jen Chien 簡文仁

2013 WCPT-AWP & ACPT Congress Chairman

Shin-Da Lee 李信達

2013 WCPT-AWP & ACPT Congress Honorary Chairman

Wen-Shen Liao 廖文炫

2013 WCPT-AWP & ACPT Congress Secretary General

Li-Chiou Chen 陳麗秋

ACPT Secretary General

Yu-Jung Cheng 鄭宇容

Members

Huei-Ming Chai	柴惠敏	Han-Yu Chen	陳翰裕	Shu-Ya Chen	陳淑雅
Yu-Jen Chen	陳譽仁	Yu-Hsiu Chu	朱育秀	Shih-Fen Hsiao	蕭世芬
Yueh-Ling Hsieh	謝悅齡	Miao-Ju Hsu	許妙如	Chih-Wei Lee	李志偉
Wei-Chun Li	李瑋君	Jiu-Jeng Lin	林居正	Hsiu-Chen Lin	林秀真
Yang-Hua Lin	林燕慧	Shih-Heng Sun	孫世恆	Ching-Yi Wang	王靜怡
Chun-Hou Wang	王淳厚				

Scientific Committee

Chair

Jau-Yih Tsauo 曹昭懿

Executive Secretary

Wei-Li Hsu 徐瑋勵

International Members

Marco Pang (Hong Kong) Yasushi Uchiyama (Japan) Gillian Webb (Australia)

Local Members

Ing-Shiou Hwang	黃英修	Jau-Hong Lin	林昭宏	Shih-Heng Sun	孫世恆
Mei-Wen Tsai	蔡美文	Jong-Shyan Wang	王鐘賢	Shwu-Fen Wang	王淑芬

General Information

Congress Date

Thursday to Monday, September 5 – 9, 2013

Congress Website

<http://www.2013awp-acpt.org/>

Congress Venue

Nan Shan Education & Training Centre (ETC)

No. 300, Chenggong W. Rd., Wuri Dist., Taichung City, Taiwan

Tel : 886-4-2389-1000 Ext.815

Website: <http://www.ns-etc.com.tw>

Location of Congress Venue



Open Hours

	Sep. 6	17:00-18:30	
Registration	Sep. 7	08:00-17:30	1F Lobby
	Sep. 8	08:00-16:00	
Secretariat & Preview Room	Sep. 6	17:00-18:30	Room 110 & 111
	Sep. 7	08:30-17:30	
	Sep. 8	08:30-15:00	

Social Events

Welcome Reception	Sep. 6	18:30-20:30	Room 101+102, 1F
Opening Ceremony	Sep. 7	08:50-09:50	Room 101+102, 1F
Closing Ceremony	Sep. 8	16:20-17:10	B101, B1
Banquet*	Sep. 8	18:00-21:30	Windsor Hotel
Nantou County Culture Tour**	Sep. 9	08:00-16:00	Sun Moon Lake & Chung Tai Chan Monastery

**The shuttle bus to Windsor Hotel on Sep. 8 will be provided.*

*Please gather at the main entrance of **Nan Shan Education & Training Centre at 17:30***

***Please see the next page for the detail information of the shuttle buses for tour.*

Name Badge

Participants are requested to wear their name badges during all congress activities and social events. All staff will have the right to refuse entry to any session without a proper name badge.

Language

The official language of the Congress is English, which will be used in all presentations and printed materials.

Lunch

Lunchbox will be served at restaurant and lobby located on B1 floor.

Internet Access

Wireless service is available inside the Nan Shan Education & Training Centre.

Accounts: AWP-ACPT1~AWP-ACPT6 (6 accounts), Password: Taiwan

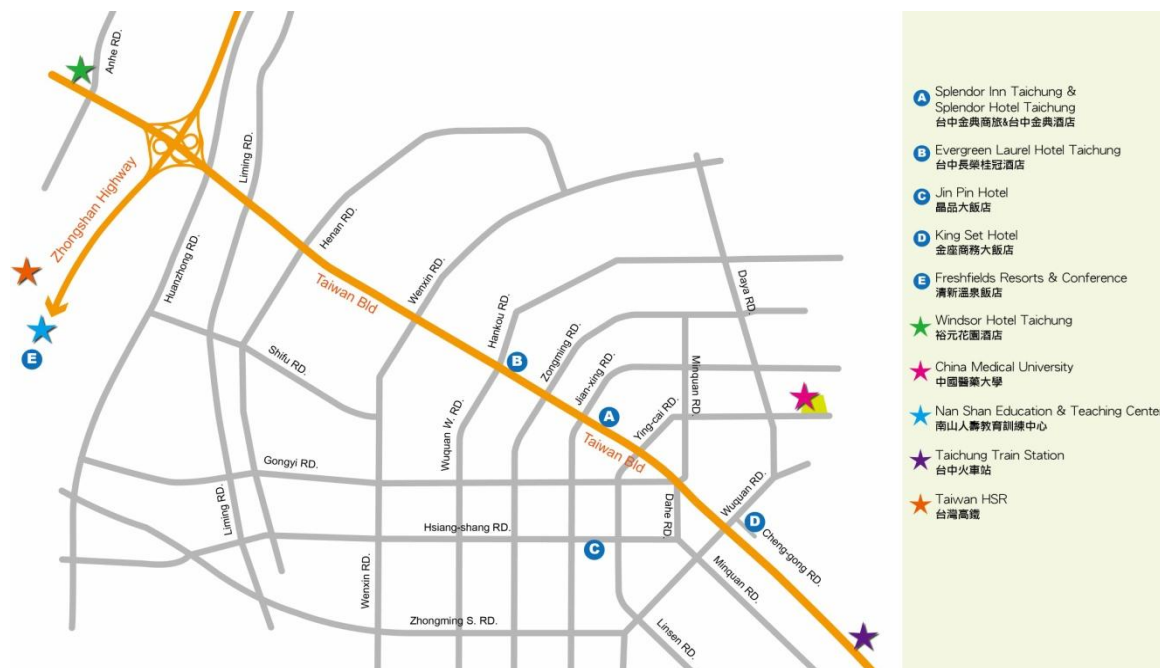
Sessions / Changes

Please make sure to be in the session room on time as all sessions will begin as per the schedule. The Scientific Committee reserves the right to adjust or change the program.

Congress Policy

- Smoking is prohibited at all times in the conference rooms and the entire building.
- Food and beverages are prohibited in the conference rooms except B101 at lunch time.
- Please switch the mobile phones off or to vibration mode during all sessions.
- No photography and / or recording are allowed in any session.

Shuttle Bus



Sep. 6 Night (After Welcome Reception)		
Time	Venue	Destination
20:30	Nan Shan Education and Training Centre Taichung	Windsor Hotel Taichung
		Taichung Train Station
		Splendor Hotel Taichung & Splendor Inn Taichung
		Evergreen Laurel Hotel Taichung
		Jin Pin Hotel & King Set Hotel

Sep. 7 Morning		
Time	Stops	Destination
08:00	Windsor Hotel Taichung	Nan Shan Education and Training Centre Taichung
08:20	Taiwan High Speed Rail	
07:40	King Set Hotel	
07:55	Jin Pin Hotel	
07:40	Splendor Hotel Taichung & Splendor Inn Taichung	
07:50	Evergreen Laurel Hotel Taichung	
07:40	Taichung Train Station	

Sep. 7 Evening		
Time	Venue	Destination
18:20	Nan Shan Education and Training Centre Taichung	Windsor Hotel Taichung
		Evergreen Laurel Hotel Taichung
		Splendor Hotel Taichung & Splendor Inn Taichung
		Jin Pin Hotel & King Set Hotel
		Taichung Train Station

Sep. 8 Morning		
Time	Stops	Destination
08:20	Windsor Hotel Taichung	Nan Shan Education and Training Centre Taichung
08:00	King Set Hotel	
08:15	Jin Pin Hotel	
08:00	Splendor Hotel Taichung & Splendor Inn Taichung	
08:10	Evergreen Laurel Hotel Taichung	
08:00	Taichung Train Station	

Sep. 8 Evening (After Closing Ceremony)		
Time	Venue	Destination
17:30	Nan Shan Education and Training Centre Taichung	Windsor Hotel Taichung
		Taiwan High Speed Rail
		Splendor Hotel Taichung & Splendor Inn Taichung
		Evergreen Laurel Hotel Taichung
		Jin Pin Hotel & King Set Hotel
		Taichung Train Station

Sep. 8 Night (After Banquet)		
Time	Venue	Destination
20:30	Windsor Hotel Taichung	Taiwan High Speed Rail
		Splendor Hotel Taichung & Splendor Inn Taichung + Evergreen Laurel Hotel Taichung
		Jin Pin Hotel & King Set Hotel
		Taichung Train Station
		Freshfields Resort & Conference

Regular Bus

Date: Sep. 7 & Sep. 8		
Origin	from Taichung Train Station	Nan Shan Education and Training Centre
Departure Time	08:10, 10:30, 13:30, 15:30	09:10, 11:30, 14:30, 16:30
Stops	Taichung Train Station → Evergreen Laurel Hotel Taichung → Windsor Hotel Taichung → Nan Shan Education and Training Centre	Nan Shan Education and Training Centre → Windsor Hotel Taichung → Evergreen Laurel Hotel Taichung → Taichung Train Station
Note	<ul style="list-style-type: none"> ✧ It takes approximately 1 hour from the origin to the destination ✧ Limited seats only ✧ First come first served 	

Sep. 9 Morning		
Time	Stops	Destination
07:50	Windsor Hotel Taichung	Sun Moon Lake & Chung Tai Chan Monastery
	Splendor Hotel Taichung & Splendor Inn Taichung	
	Taichung Train Station	

Hospital Visit

Hospital 1: China Medical University Hospital

Date & Time: 12:00-13:00, Friday, Sep. 6, 2013

Maximum: 15 persons

Registration: Friday, 8:00-10:00 Sep. 6, 2013 at the Workshop registration desk

Introduction: The Department of Physical Medicine and Rehabilitation (PM&R) of China Media University Hospital (CMUH) was founded in December, 1984. It provides outpatient and inpatient rehabilitation services, covering various diseases and dysfunction. The Physical Therapy unit includes four major sections of specialization: Musculoskeletal, Neurological, Pediatric, and Cardiopulmonary.

Hospital 2: Cheng Ching General Hospital

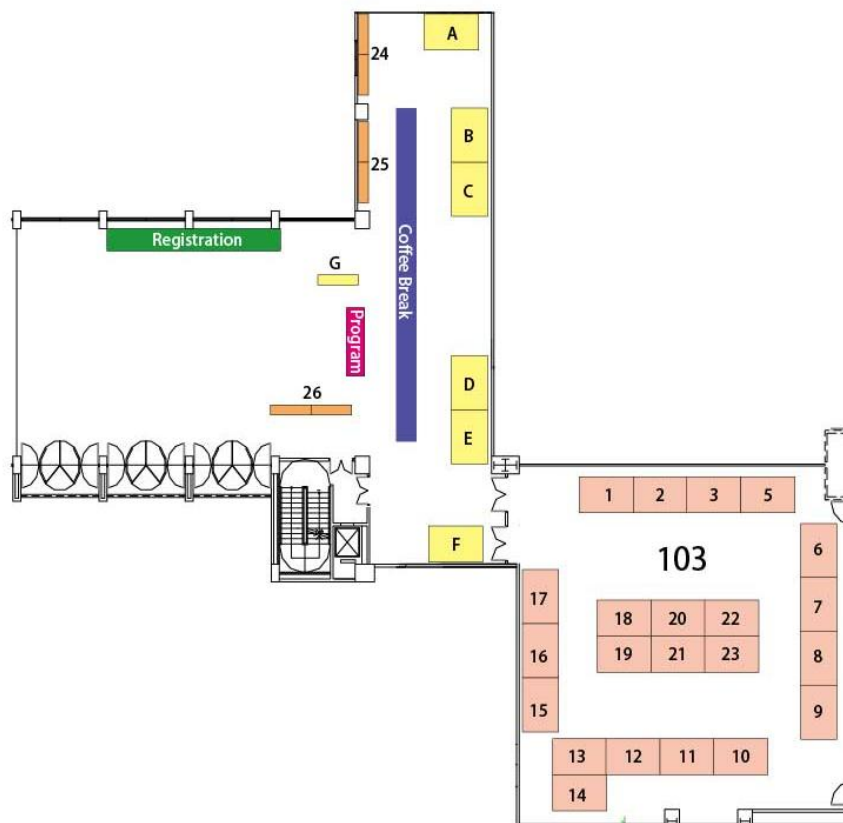
Date & Time: 12:00-13:50, Saturday, Sep.7, 2013

Maximum: 20 persons

Registration: on-site registration on Friday, Sep. 6, 2013 at the Welcome Reception or 8:00-10:00, Saturday, Sep. 7, 2013 at the Congress

Introduction: Cheng Ching General Hospital is located in the heart of central Taiwan. The Department of Physical Medicine consists of 3 featured centers, including: Cheng Ching Rehabilitation Center, Cheng Ching Pediatric Developmental Center and Jingde Rehabilitation Center. Each of those involves the majority of physical therapists helping patients improve mobility, restore functional movement, relieve pain and increase independence.

Exhibitors



No.	Vender	No.	Vender
1, 2	Good Line Incorporation	18,20,22	EVER PROSPEROUS INSTRUMENTS
3	Dyaco International Inc.	19	Chong-Sing Orthotic-Prosthetic Co.
5	HARMONY HILL INTERNATIONAL Co., Ltd.	21	University of Otago - School of Physiotherapy
6	PRO MEDICAL CO., LTD.	23	UNIVERSAL INTEGRATED CORP.
7	Tyromotion	24	HE-FENG Book Store Co., Ltd
8	Trinetics Taiwan Ltd.	25	Ho Chi Book Publishing Co.
9	TRANSMEDIC	26	Lippincott Williams & Wilkins
10,11	AMPLE MEDICAL INSTRUMENTS CO., LTD.	A	Taiwan Physical Therapy Association (TPTA)
12	Continuous Instrument Co. Ltd.	B,C	Corporation Aggregate National Federation of Associations of Physical Therapists, Taiwan R.O.C.
13,14	HIWIN Technologies	D,E	Taipei Society of Physical Therapists
15	Dynalab Inc.	F	WCPT / AWP Region of WCPT
16	SCHOOL OF PHYSIOTHERAPY AND EXERCISE SCIENCE CURTIN UNIVERSITY	G	The Asian Confederation for Physical Therapy
17	TRANSVERSE INDUSTRIES CO., LTD		

Workshop

Friday, Sep. 6, 2013

Location: China Medical University

Workshop	Organizer	Speakers
Professional Perspective		
Do Physical Therapists Improve Function? Using the World Health Organization's International Classification of Functioning, Disability and Health (ICF) to Enhance the Evidence	Catherine Sykes (United Kingdom)	Catherine Sykes (United Kingdom)
Musculoskeletal		
Kinesio Taping for Pain Management, Sports Medicine and Movement Disorder	Yueh-Chen Cheng (Taiwan)	Kenzo Kase (Japan) Stefano Frassine (Italy)
Soft Tissue Mobilization & Neuromuscular Physical Therapy - Integrated Evidence-Based Approach to Clinical Assessment and Treatment of Motor Control Dysfunction	Paul Sung (Korea)	Paul Sung (Korea)
Building Bone Health Into Your Practice: Physical Therapist Management of the Person with Osteoporosis	Marilyn Moffat (USA)	Marilyn Moffat (USA)
Pediatric		
Using ICF Model (International Classification of Functioning, Disability and Health) in Planning Physiotherapy Intervention for Children with Developmental Coordination Disorder	Suad Alanzi (Kuwait)	Suad Alanzi (Kuwait)
Neuromotor		
Neuromotor Combination Mind-Body Exercise Approach in Therapeutic Practice of Physical Therapists Working	Orawan Buranruk (Thailand)	Orawan Buranruk (Thailand)

Keynote Speakers

KS-1

09:50-10:40, Saturday, Sep. 7, 2013

Location: Room 101+102



Robert Herbert

Senior Principal Research Fellow, Neuroscience Research Australia
Professor, School of Medical Sciences, University of New South Wales

Dr. Herbert was trained as a physiotherapist and has a Master's degree in exercise and sports science and a PhD in neurophysiology. He conducts two parallel programs of research: one in clinical epidemiology with a primary focus on investigating the effectiveness of physiotherapy interventions, and the other in biomechanics and physiology investigating the mechanical properties of human muscles and tendons in vivo. These two strands of research converge in the study of stretching to prevent injury and muscle soreness associated with physical activity, and stretching to prevent and treat contracture.

Dr. Herbert has published over 150 peer-reviewed papers. He is the founding director of the Centre for Evidence Physiotherapy which produces the PEDro database of randomised trials and systematic reviews in physiotherapy. He is now a Senior Principal Research Fellow at Neuroscience Research Australia and Professor in the School of Medical Sciences at the University of New South Wales in Sydney, Australia.

KS-2

09:00-10:10, Sunday, Sep. 8, 2013

Location: B101, 401+102



Gillian Webb

Chair, Asia West Pacific Region (AWP) of WCPT
President, International Society of Educators in Physiotherapy
Honorary member of staff of Physiotherapy, University of Melbourne

Dr. Webb was trained as a physiotherapist and has a Graduate Diploma in exercise for rehabilitation, a Master's in clinical education and a Doctor in education. Her research interests are in health professional education, global health and indigenous health and education. She has been an academic in Physiotherapy and Health Professional education for many years and has been involved in curriculum development and regulation of practice and accreditation of physiotherapy programs in many countries in Asia and Western Pacific region.

Dr. Webb is currently the Chair of the Asia Western Pacific Region (AWP) of WCPT and has been the President of the International Society of Educators in Physiotherapy for a number of years. She is an Honoured member of the Australian Physiotherapy Association. She is currently also an Honorary member of staff of Physiotherapy at The University of Melbourne.

Symposia and Oral Presentations

Saturday, Sep. 7, 2013

10:55-12:25

Location: Room B101

SYMPOSIUM [1] UNDERSTANDING EVIDENCE BASED EXERCISE PRESCRIPTION FOR TYPE 2 DIABETES MELLITUS AND HYPERTENSION

Chair: Jidesh V.V (Qatar)

S1-1 EXERCISE PRESCRIPTION FOR TYPE 2 DIABETES MELLITUS

Jidesh V.V. (Qatar)

S1-2 EVIDENCE BASED EXERCISES PRESCRIPTION FOR HYPERTENSIVE SUBJECTS

Kanagaraj Rengaramanujam (Saudi Arabia)

S1-3 DIABETES MELLITUS AND ROLE OF EXERCISE

Aswathy Gopinath (India)

Panel Discussion

10:55-12:15

Location: Room 301

ORAL PRESENTATION [1] ASSISTIVE TECHNOLOGY

Moderator: Yunn-Yi PAU-LEE (USA) & Chun-Hou WANG (Taiwan)

O1-1 EFFECT OF ROBOT SUIT HAL ON THE MOTION OF THE ANKLE JOINT OF HEMIPLEGIA PATIENT

Tomoki Nakatani, Junji Taguchi, Yasunori Sasaoka, Masako Tustsumi, Yasuhiro Fujimoto

O1-2 BARRIER-FREE ENVIRONMENT IN SENIOR CARE FACILITIES – BEYOND REGULATIONS

Li-Shan Chang, Sheng-Wen Su, Shwn-Jen Lee, Shun-Chih Wang

O1-3 RESEARCH ON BARRIER-FREE ENVIRONMENT DESIGN IN ASSISTED LIVING FACILITIES

Sheng-Wen Su, Li-Shan Chang, Shwn-Jen Lee, Shun-Chih Wang

O1-4 NEEDS OF ASSISTIVE TECHNOLOGY IN PERSONS WITH MD/SMA USING ICF AND ISO 9999

Min-Yi Liu, Shwn-Jen Lee, Mei-Wun Tsai

O1-5 HOW TO SELECT A PROPER STANDER FOR CHILDREN WITH DISABILITIES

Yunn-Yi Pau-Lee

10:55-12:25

Location: Room 302

ORAL PRESENTATION [2] EXERCISE AND PHYSICAL ACTIVITY I

Moderator: Yasuo KAWAKAMI (Japan) & Larry HO (USA)

O2-1 CARDIOPULMONARY FITNESS, LUNG FUNCTION, MUSCULAR OXYGEN SATURATION, AND LIFE QUALITY IN TYPE 1 DIABETES MELLITUS

Chih-Hsuan Chou, Wei-Shiung Yang, Tien-Jyun Chang, Ying-Tai Wu

O2-2 KNEE EXTENSION TORQUE AND RANGE OF HIP JOINT FLEXION BEFORE AND AFTER DYNAMIC STRETCHING

Yumi Okayama, Shinichi Daikuya, Masaaki Tsuruike

O2-3 EFFECT OF COMBINED AEROBIC AND RESISTANCE EXERCISE TRAINING ON PLATELET-NEUTROPHIL INTERACTION UNDER SHEAR FLOW IN SEDENTARY MEN

Ying-Ching Chen, Jong-Shyan Wang

O2-4	STANDARDIZATION OF THE ASSESSMENT AND TREATMENT OF LUMBAR SPONDYLOSIS: A PILOT STUDY <i>Tomoatsu Furukawa, Takuro Nishimura, Mitsuaki Nakano, Tatsuro Nakaguro, Masanori Toda, Atsushi Nogami, Yoshitaka Tanaka</i>
O2-5	MUSCLE OXYGENATION OF BICEPS BRACHII DURING CONCENTRIC/ECCENTRIC ELBOW JOINT FLEXION AT 75% OF 1RM <i>Masahiro Goto, Takafumi Hamaoka, Takeshi Saiki</i>
O2-6	A COMPARISON OF MUSCLE ACTIVITY BY CHRONIC STROKE PATIENTS IN AQUATIC AND LAND ENVIRONMENT <i>Jimin Kim, <u>Changsung Kim</u>, Hayoung Woo, Heejin No, Geunju Park, Jungseo Park</i>

10:55-12:10

Location: Room 303

ORAL PRESENTATION [3] PEDIATRICS

Moderator: Hua-Fan LIAO (Taiwan) & Rong-Ju CHERNG (Taiwan)

O3-1	ASSESSING DRAWING TASK PERFORMANCE IN KUWAITI CHILDREN WITH AND WITHOUT DEVELOPMENTAL COORDINATION DISORDER <i>Alanzi SE, Piek JP</i>
O3-2	CROSS-CULTURAL ADAPTATION OF STANDARDIZED ASSESSMENT TOOLS IN IDENTIFYING CHILDREN WITH DEVELOPMENTAL COORDINATION DISORDER IN KUWAIT <i>Alanzi SE, Piek JP, Jensen LM</i>
O3-3	A PSYCHOMETRIC STUDY OF THE BAYLEY SCALES OF INFANT AND TODDLER DEVELOPMENT-3RD EDITION WHEN USED WITH TERM AND PRETERM TAIWANESE INFANTS <i>Yen-Ting Yu, Li-Chiou Chen, Wu-Shiun Hsieh, Chyong-Hsin Hsu, Wang-Tso Lee, Nan-Chan Chiou, Suh-Fang Jeng</i>
O3-4	LINKING EVALUATION REPORTS OF CHILD DEVELOPMENT WITH THE ICF-CY EDD CODE SET <i>Yi-Ling Pan, Hua-Fang Liao, Ai-Wen Hwang, Rune J Simeonsson, Lu Lu</i>
O3-5	EFFECTS OF A HEALTH-RELATED FITNESS TRAINING ON COMPETENCE OF PROFESSIONALS AT INSTITUTIONS OF EARLY INTERVENTION <i>Yun-Hsien Lin, Shwn-Jen Lee, Mei-Wun Tsai, Tai-Ying Yang</i>

10:55-12:10

Location: Room 304

ORAL PRESENTATION [4] GERIATRICS I

Moderator: Louise ADA (Australia) & Pay-Shin LIN (Taiwan)

O4-1	PARADIGM TO IMPROVE THE LIFE FUNCTION OF FRAIL ELDERLY PEOPLE LIVED IN PRIVATE RETIREMENT HOME <i>Shinichi Daikuya, Satoko Kuki</i>
O4-2	THE AGE-RELATED DIFFERENCES IN THE RELATIONSHIP BETWEEN PHYSICAL ACTIVITY AND PHYSICAL AND COGNITIVE FUNCTION <i>Yuta Hagiwara, Yuji Kono, Naoki Iritani, Shimpei Ishida, Keigo Akao, Chikako Asai, Kotaro Iwatsu, Sumio Yamada</i>
O4-3	RELATIONSHIPS BETWEEN CALF CIRCUMFERENCE AND CALF MUSCLE MASS BY MRI <i>Chikako Asai, Keigo Akao, Ryo Mizowaki, Simpei Ishida, Naoki Iritani, Yuta Hagiwara, Yuji Kono, Kotaro Iwatsu, Atsushi Fukuyama, Haruo Isoda, Sumio Yamada</i>

O4-4	CARDIOMETABOLIC RISKS, MUSCLE FUNCTION AND LIFE QUALITY AFTER RESISTANCE TRAINING IN ELDER DIABETIC PATIENTS <i>Ping-Lun Hsieh, Wei-Shiung Yang, Chin-Hsiao Tseng, Yufeng Jane Tseng, Ying-Tai Wu</i>
O4-5	ARM-CRANKING VERSUS LOWER-LIMB CYCLING: WHICH IS MORE OPTIMAL? <i>Bala S Rajaratnam, Maniam D, Ng SM, Tang WJ, Tan ZH</i>

10:55-12:25

Location: Room 401

ORAL PRESENTATION [5] MUSCULOSKELETAL SYSTEM I**Moderator: Sally HO (USA) & Wendy CHAN (Macau)**

O5-1	EVIDENCE OF CERVICAL MULTIFIDUS MUSCLE WASTING IN PATIENTS UNDERGONE SURGERY FOR CERVICAL SPONDYLOTIC MYELOPATHY <i>Andy Chien, Shwu-Fen Wang, Chen-Hsi Hsiao, Ni-Yun Hsieh, Chih-Hsiu Cheng, Wei-Li Hsu, Dar-Ming Lai, Jaw-Lin Wang</i>
O5-2	EFFECT OF THE ABDOMINAL DRAWING-IN MANEUVER AND SELF-STRETCHING THE TENSOR FASCIAE LATAE-ILIOTIBIAL BAND ON LUMBOPELVIC KINEMATICS IN SUBJECTS WITH LUMBAR EXTENSION ROTATION SYNDROME <i>One-bin Lim, Chung-hwi Yi, Oh-yun Kwon, Heon-seock Cynn</i>
O5-3	CHANGE OF MUSCLE ACTIVITY IN LOWER EXTREMITY AND HIP MUSCLE ACCORDING TO VARIABLE STANDING POSTURE <i>Jae Ho Yu, Yong Nam, Jung Wan Ryu</i>
O5-4	MUSCULOSKELETAL CHARACTERISTICS IN LOW BACK PAIN ADULTS WITH FLEXIBLE FLATFOOT <i>Yu-Man Huang, Tzyy-Jiuan Wang, Yi-Fen Shih, Fu-Kong Lieu, Wen-Yin Chen</i>
O5-5	INFLUENCE OF HEEL HEIGHTS ON TRUNK MUSCLES IN HEALTHY SUBJECTS BY ULTRASONOGRAPHY IMAGING <i>Dong Kwon Seo, Yong Hae Park, Hyo Jung Park</i>
O5-6	THE EFFECT OF COMMON PHYSICAL THERAPY INTERVENTIONS ON SOFT TISSUE HARDNESS IN PATIENTS WITH LOW BACK PAIN <i>Kai-Chia Chen, Wen-Yin Chen, Si-Huei Lee, Tzyy-Jiuan Wang</i>

10:55-12:10

Location: Room 402

ORAL PRESENTATION [6] EDUCATION I**Moderator: Joyce MOTHABENG (South Africa) & Min-Hsia HU (Taiwan)**

O6-1	STUDENTS' PERSPECTIVE, EXPECTATION AND EXPERIENCE OF CLINICAL PRACTICE-COMPARISON BETWEEN PRE- AND POST-CLINICAL PRACTICE STUDENTS <i>Yamato Tsuboi, Manako Konda, Takuro Matsumura, Taiki Sugimoto, Kazuya Yoshimura, Maho Itogawa, Kohtaro Torizawa, Kentaro Nagata, Kazuya Umeyama, Daisuke Matsumoto</i>
O6-2	LEARNING STYLES OF PHYSICAL THERAPY STUDENTS IN TAIWAN: A QUALITATIVE STUDY <i>Pei-Jung Wang, Ying-Tai Wu, Wen-Shya Lee</i>
O6-3	THE CLOSING PROCESS OF A JAPANESE PHYSICAL THERAPY SCHOOL IN RECEIPT OF A DISSOLUTION ORDER <i>Jun Watanabe</i>

O6-4	EDUCATING PHYSIOTHERAPISTS IN DIRECT ACCESS SERVICES IN CENTRAL FINLAND: CURRENT PRACTICES AND USED MEASUREMENTS AMONG PATIENTS WITH MUSCULOSKELETAL CONDITIONS <i>Tuulikki Sjögren, Arja Piirainen</i>
O6-5	PULMONARY REHABILITATION: SIRIRAJ HOSPITAL EXPERIENCE <i>Jatuporn Wongsathikun, Benjamas Chuaychoo, Wantanee Kriengsinyos</i>

13:30-15:00

Location: Room B101

SYMPOSIUM [2] THE INTERNATIONAL TRENDS OF THE INTERNATIONAL CLASSIFICATION OF FUNCTIONING, DISABILITY AND HEALTH (ICF) AND ITS CHILDREN AND YOUTH VERSION (ICF-CY)

Chair: Ai-Wen HWANG (Taiwan)

S2-1 **REVISION PROCESSES OF ICF/ICF-CY IN WHO**
Rune J Simeonsson (USA)

S2-2 **APPLICATION OF ICF IN GERIATRIC PHYSICAL THERAPY**
Louise Ada (Australia)

S2-3 **APPLICATION OF ICF/ICF-CY IN DISABILITY ELIGIBILITY SYSTEM IN TAIWAN**
Hua-Fang Liao (Taiwan)

S2-4 **INTRODUCTION TO THE CONCEPTS AND MEASURES OF PARTICIPATION FRAMED BY ICF/ICF-CY**
Ai-Wen Hwang (Taiwan)

Panel Discussion

13:30-14:50

Location: Room 301

ORAL PRESENTATION [7] WOMEN'S HEALTH

Moderator: Elizabeth NOBLE (Australia) & Yi-Jing LUE (Taiwan)

O7-1 **THE INFLUENCE OF PREGNANCY ON TRUNK MOVEMENT DURING GAIT**
Ryuichi Sawa, Rei Ono, Sho Nakakubo, Kaori Watanabe

O7-2 **THE IDEAS OF AFGHAN PHYSIOTHERAPISTS ABOUT EVIDENCE BASED PRACTICE - A SURVEY RESEARCH**
Mohammad Shaker Ahmadi, Nishat Quddus, Zubia Veqar, Sohrab A Khan, Ross Iles

O7-3 **EFFECTS OF CAFFEINE ON PHYSICAL ABILITY OF PEOPLE IN THEIR TWENTIES**
Hoe Yeon Yu, Sung Suk Park, Jin So Park, Tae Young Oh

O7-4 **THE VALUE OF PRENATAL & POSTPARTUM EXERCISE PROGRAMS FOR OPTIMAL LONG-TERM HEALTH**
Elizabeth Noble

13:30-15:00

Location: Room 302

ORAL PRESENTATION [8] EXERCISE AND PHYSICAL ACTIVITY II

Moderator: Masayoshi KUBO (Japan) & Jong-Shyan WANG (Taiwan)

O8-1	EFFECT OF YOGA TRAINING ON STATIC AND DYNAMIC STANDING BALANCES IN YOUNG OBESITY WITH POOR POSTURAL CONTROL <i>Chaiyong Jorrakate, Jutaluk Kongsuk, Chiraprapa Pongduang, Boontiwa Sadsee, Phatchari Chanthorn</i>
O8-2	COMBINED MOTIVATION PROGRAM AND Pedometer USE TO PROMOTE PHYSICAL ACTIVITY: A RANDOMIZED CONTROLLED TRIAL <i>Einas Al-Eisa, Hana I Al-Sobayel</i>
O8-3	EFFECT OF SPINE POSITION AND POWER OF SPHINCTER CONTRACTION ON LUMBAR STABILITY <i>Min-ji Go, Mi-na Kwon, Seung-hye Kim, Hwan-hee Kim, So-young Ahn, Jin-tae Han</i>
O8-4	THE EFFECT OF ELECTROMYOGRAPHIC ACTIVITY ON THE UPPER EXTREMITY MUSCLE DURING PUSH-UP PLUS EXERCISE WHILE CHANGING ANGLE OF SHOULDER WITH UPPER ARMS EXTERNAL ROTATED ON AN UNSTABLE SURFACE <i>Jungmuk Woo, Boyoung Kim, Nuri Lee, Youngha Jeon, Sangyoug Lee</i>
O8-5	EFFECTS OF EXERCISE INTENSITY ON LIPID AND CARBOHYDRATE UTILIZATIONS IN OBESE MEN <i>Anoma Santiworakul, Benjamas Chuaychoo, Wantanee Kriengsinyos, Vitoon Saengsirisuwan, Wattana Jalayondeja</i>
O8-6	THE EFFECT OF PHYSICAL TRAINING WITH VISUAL AND AUDITORY FEEDBACK FOR THROWING SKILL IN 20'S WOMEN <i>Ho Dong Kim, Bo Ra Sheen, Da Eun Baek, Tae Young Oh</i>

13:30-15:00

Location: Room 303

ORAL PRESENTATION [9] NEUROLOGICAL SYSTEM I & MENTAL HEALTH

MODERATOR: Joyce MOTHABENG (South Africa) & Kwan-Hwa LIN (Taiwan)

O9-1	DOES WALKING CAPACITY AND PERCEPTION OF FALL IMPACT ACTIVITIES & PARTICIPATION AFTER STROKE? <i>Nayak Neelam, Mahajan Pranali</i>
O9-2	EXCITABILITY OF SPINAL NEURAL FUNCTION DURING MOTOR IMAGERY OF MUSCLE CONTRACTION AT DIFFERENT CONTRACTION STRENGTHS <i>Yoshibumi Bunno, Chieko Onigata, Hiroyasu Iwatsuki, Toshiaki Suzuki</i>
O9-3	BARRIERS TO PHYSICAL FUNCTIONING FOLLOWING A STROKE: A QUALITATIVE STUDY <i>Marissa Dela Cruz</i>
O9-4	EFFECTIVENESS OF NOXIOUS AND INNOCUOUS THERMAL STIMULATION ON UPPER EXTREMITY OF PATIENTS WITH ACUTE STROKE <i>Roxane Lin, Ruey-Tay Lin, Mao-Hsiung Huang, Miao-Ju Hsu, Chuan-Li Lin, Jau-Hong Lin</i>
O9-5	THE EFFECTS OF TARGETING PROGRAM FOLLOWING BY VISUAL AND AUDITORY CHAOS <i>Dong Yeop Lee, Ji Yeon Lee, Mid Eum Park</i>

13:30-15:00

Location: Room 304

ORAL PRESENTATION [10] GERIATRICS II

Moderator: Brenda MYERS (Canada) & Shih-Fen HSIAO (Taiwan)

O10-1	COMPARISON OF LOWER LIMB KINEMATICS UNDER DUAL TASK CONDITION WHEN WALKING TURNING AMONG NON-FALLERS, SINGLE AND MULTIPLE FALLERS <i>Yu-Shan Huang, Fang-Yi Chen, Chiung-Yu Cho</i>
O10-2	THAI OLDER PEOPLE'S PERCEPTION OF FALLS <i>Suttanon P, Pengpol K, Chiraamnuayporn R</i>
O10-3	INTEGRITY OF CALLOSAL MOTOR FIBERS CORRELATES WITH GAIT PERFORMANCE IN OLDER ADULTS WITH COGNITIVE IMPAIRMENT <i>Meng-Tien Wu, Ko Chiao, Yu-Hsiu Chu, I-Cheng Lin, Ming-Jang Chiu, Pei-Fang Tang</i>
O10-4	THE RELATIONSHIP BETWEEN LOWER LIMB MUSCLE STRENGTH AND PREFRAILTY CRITERIA <i>You-Ruei Hou, Yen-Chu Huang, Ya-Chi Peng, Hui-Ya Chen</i>
O10-5	AGE-DEPENDENT EFFECTS OF CALORIE RESTRICTION ON METABOLIC PARAMETERS AND EXERCISE PERFORMANCE OF RATS <i>Shang-Ying Lin, Zhen-Jie Li, Yi-Min Ou, Zheng-Hong Lai, Chiao-Nan Chen</i>
O10-6	THE ASSOCIATION BETWEEN DEPRESSION, PAIN AND SLEEP QUALITY IN COMMUNITY-DWELING FRAIL ELDERLY <i>Ryo Nakamura, Shunsuke Murata, Ryuichi Sawa, Sho Nakakubo, Nobuyuki Nakatsu, Yuya Ueda, Rei Ono</i>

13:30-15:00

Location: Room 401

ORAL PRESENTATION [11] MUSCULOSKELETAL SYSTEM II

Moderator: Kanda CHAIPINYO (Thailand) & Hsiao-Yun CHANG (Taiwan)

O11-1	THE RELATIONSHIP BETWEEN MUSCLE SIZE AND MUSCLE STRENGTH IN JUNIOR HIGH BASEBALL PLAYERS <i>Sheng-Han Tsai, Chin-Ting Liu, Hsiao-Li Ma, Tzyy-Jiuan Wang</i>
O11-2	THE RELIABILITY OF A NEW DEVICE TO MEASURE THE SUBTALAR JOINT NEUTRAL POSITION AND THE FOREFOOT POSITION <i>Fu-Lien Wu, Shi-Weng Hung, Wen-Yin Chen, Tzyy-Jiuan Wang</i>
O11-3	CLINICAL PROGNOSTIC INDICATORS OF SURGICAL OUTCOME IN CERVICAL SPONDYLOTIC MYELOPATHY: A PILOT STUDY <i>Andy Chien, Shwu-Fen Wang, Chen-Hsi Hsiao, Ni-Yun Hsieh, Chih-Hsiu Cheng, Wei-Li Hsu, Dar-Ming Lai, Jaw-Lin Wang</i>
O11-4	CHARACTERISTICS OF MUSCLE FATIGUE IN CHARCOT-MARIE-TOOTH DISEASE WITH ELECTROMYOGRAPHIC STUDY <i>Toshinori Shimoi, Takuma Miyaguchi</i>
O11-5	EARLY WEIGHT BEARING FOR ANKLE FRACTURES IN ADULTS- A META-ANALYSIS <i>Shu-Hsiang Yang, Chia-Fang Liao</i>
O11-6	NEUROGENIC INFLAMMATION IN MUSCULOSKELETAL CONDITIONS <i>Christopher Zhi-yi (Chi-ngai) Lo</i>

13:30-15:00

Location: Room 402

ORAL PRESENTATION [12] BIOMECHANICS AND KINESIOLOGY I	
Moderator: Peter MCNAIR (New Zealand) & Chun-Yu YEH (Taiwan)	
O12-1	BIOMECHANICAL PROPERTIES OF THE PLANTARFLEXOR MUSCLE-TENDON COMPLEX SIX MONTHS POST RUPTURE OF THE ACHILLES TENDON <i>Peter McNair, Antoine Nordez, Margie Olds, Simon Young, Christophe Cornu</i>
O12-2	RELATIONSHIP BETWEEN BALANCE, MOTOR IMPAIRMENT AND GAIT PARAMETERS ACROSS ATTENTIONAL LOADING CONDITIONS IN STROKE SURVIVORS <i>Haidzir Manaf, Maria Justine, Goh Hui Ting, Lydia Latiff</i>
O12-3	HAS SWAYBACK POSTURE MORE ANTEROPOSTERIOR GROUND REACTION FORCE UNDER AXIAL LOAD: A CASE REPORT <i>Chih-Ming Chen, Rong-Sen Yang, Jau-Yih Tsauo</i>
O12-4	EFFECT OF HIP EXTERNAL ROTATION FOR WEIGHT SHIFTING TRAINING ON MUSCLE ACTIVITY AND FOOT PRESSURE <i>Kyeong Nam Park, Seon Yeong Oh, Su In Son, Tae Young Oh</i>
O12-5	EFFECTS OF VISUAL AND AUDITORY ON OBSTACLE CROSSING CHARACTERISTICS <i>Bovonsunthonchai S, Khobkhun F, Vachalathiti R</i>

16:20-17:50

Location: Room B101

SYMPOSIUM [3] WCPT: INTERNATIONAL POLICY INFLUENCING THE PROFESSION AND GLOBAL HEALTH	
Chair: Joyce MOTHABENG (South Africa)	
S3-1	PHYSICAL ACTIVITY/EXERCISE AT THE HEART OF PHYSICAL THERAPY <i>Marilyn Moffat (USA)</i>
S3-2	WCPT'S POLICY RELATED ACTIVITY <i>Joyce Mothabeng (South Africa)</i>
S3-3	PHYSICAL THERAPISTS PROMOTING HEALTH – WHAT NEEDS TO BE DONE IN PROFESSIONAL ENTRY LEVEL EDUCATION? <i>Margot Skinner (New Zealand)</i>
S3-4	COLLABORATIVE ACTION FOR HEALTH PROMOTION: WCPT'S PARTNERSHIP WITH THE WORLD HEALTH PROFESSIONS ALLIANCE <i>Brenda Myers (UK)</i>
Panel Discussion	

16:20-17:35

Location: Room 301

ORAL PRESENTATION [13] BIOMECHANICS AND KINESIOLOGY II	
Moderator: Toshiaki TANAKA (Japan) & Li-Shan CHOU (USA)	
O13-1	STANDING BALANCE FOLLOWING INTERNAL/EXTERNAL PERTURBATION IN YOUNG HEALTHY ADULTS <i>Hao-Tsung Su, Ling-Wei Yen, Hsin-Yi Kathy Cheng, Chih-Hsiu Cheng</i>
O13-2	DIFFERENCE OF FOOT POSTURE BETWEEN ATHLETIC AND SEDENTARY COLLEGE STUDENTS <i>Yves Shen-Feng Liu, Yi-Liang Kuo</i>

September 7

O13-3	UPPER LIMB RESTRAINTS ON THE HIP AND KNEE MOTIONS DURING GAIT IN HEALTHY ADOLESCENTS <i>Bovonsunthonchai S, Vachalathiti R, <u>Limpitcharaporn T</u></i>
O13-4	RELATIONSHIP BETWEEN RANGE OF MOTION AND MUSCLE STRENGTH ASSOCIATED WITH GAIT ANALYSIS IN PATIENTS WITH KNEE OSTEOARTHRITIS <i><u>Kazuki Tokuda</u>, Masaya Anan, Kiyotaka Hada, Takuro Aizu, Kengo Yoshida, Nobuhiro Kito, Tatsuo Motoyama, Mahito Kawashima, Koichi Shinkoda</i>
O13-5	THE STUDY FOR MUSCLE ACTIVATING OF LOWER EXTREMITIES ACCORDING VARIOUS SQUATING <i><u>Chi-Hwan Park</u>, Sun-Woo Yu, Jeong-Won Park, Tae-Young Oh</i>

16:20-17:35

Location: Room 302

ORAL PRESENTATION [14] COMPLEMENTARY & ALTERNATIVE MEDICINE**Moderator: David BAXTER (United Kingdom) & Wen-Yu LIU(Taiwan)**

O14-1	PHYSICAL ACTIVITY SCREENING IN PRIMARY CARE: FEASIBILITY OF A SELF-REPORT SCREENING TOOL <i><u>Baxter GD</u>, Walker H</i>
O14-2	GREATER SHOULDER MUSCLE STRENGTH, BUT NOT SHOULDER MOBILITY, IS ASSOCIATED WITH BETTER FUNCTIONAL WELL-BEING IN BREAST CANCER SURVIVORS WITH TAICHI QIGONG TRAINING <i><u>Shirley SM Fong</u>, Shamay SM Ng, WS Luk, Joanne WY Chung, Louisa MY Chung, William WN Tsang</i>
O14-3	EFFECT OF MUSCLE VIBRATION ON POSTURAL BALANCE WHILE QUIET STANDING IN PARKINSON'S DISEASES <i><u>Jin-Tae Han</u>, Jae-Min Jung, Jung-Hoon Lee, Eun-Jung Kim</i>
O14-4	EFFECT OF TRADITIONAL LANNA STROKING MASSAGE TO ABDOMINAL FAT REDUCTION <i><u>Prapas Pothongsunun</u>, Rapeephat Kansuwan, Achiraya Panyajiranaj</i>
O14-5	CORRELATES OF MODERATE- TO VIGOROUS-INTENSITY PHYSICAL ACTIVITY IN COMMUNITY-DWELLING OLD-OLD FEMALES <i><u>Keigo Akao</u>, Chikako Asai, Yuta Hagiwara, Shimpei Ishida, Naoki Iritani, Yuji Kono, Kotaro Iwatsu, Kana Inuzuka, Masahiro Gouhara, Masaki Kato, Yurina Kinouchi, Daichi Takagi, Kenata Muranaka, Sumio Yamada</i>

16:20-17:50

Location: Room 303

ORAL PRESENTATION [15] STUDENT AWARD PRESENTATION I**Moderator: Gillian WEBB (Australia) & Jau-Yih TSAUO (Taiwan)**

O15-1	AN ELECTROPHYSIOLOGICAL INVESTIGATION OF MOTOR IMAGERY IN HEALTHY ELDERLY PEOPLE: IMPLICATION OF MENTAL PRACTICE TRAINING <i><u>Fu-Jie Kang</u>, Chia-Liang Tsai, Feng-Ying Chou, Kun-Ying Lin, Liang-Jing Wu</i>
O15-2	ADAPTATION OF POSTURAL STRATEGY WITH A MOBILE BASE OF SUPPORT <i><u>Hiroki Mani</u>, Tomoya Konishi, Akiyo Tsuda, Tatsuya Izumi, Tomoya Hasegawa, Mitsuhisa Totsuka, Zhao Jing, Shih-Fen Hsiao, Tadayoshi Asa</i>

O15-3	EFFECTS OF DUAL-TASK ON ROTATION OF AXIAL SEGMENTS DURING TURNING IN PEOPLE WITH PARKINSON DISEASE <i>Wen-Chieh Yang, Wei-Li Hsu, Ruey-Meei Wu, Kwan-Hwa Lin</i>
O15-4	CROSS-CULTURAL TRANSLATION AND ADAPTATION OF THE ARABIC ROLAND-MORRIS DISABILITY QUESTIONNAIRE <i>Maki D, Rajab E, Watson P, Critchley D</i>
O15-5	DOES MATERNAL INTERACTIVE BEHAVIOR CORRELATE WITH DEVELOPMENTAL OUTCOMES AND MASTERY MOTIVATION IN TODDLERS WITH AND WITHOUT MOTOR DELAY <i>Pei-Junq Wang, George A Morgan, Ai-Wen Hwang, Li-Chiou Chen, Hua-Fang Liao</i>
O15-6	EFFECTS OF AIR-CUSHION SHOE WITH LATERAL-STIFFENED OUTSOLE IN PATIENTS WITH MILD MEDIAL KNEE OSTEOARTHRITIS <i>Bo-Jhen Chen, Yin Lee, Mu-Jung Kao, Shwn-Jen Lee, Wen-Yin Chen</i>

16:20-17:05

Location: Room 304

ORAL PRESENTATION [16] MUSCULOSKELETAL SYSTEM III**Moderator: Paul SUNG (Korea) & Jiu-Jenq LIN (Taiwan)**

O16-1	T WAVE IN VASTUS MEDIALIS OBLIQUUS AND VASTUS MEDIALIS LONGUS MUSCLES <i>Yoshitsuqu Tanino, Toshiaki Suzuki</i>
O16-2	SHOULDER PHYSICAL ACTIVITY, FUNCTIONAL DISABILITY AND TASK DIFFICULTIES IN PATIENTS WITH STIFF SHOULDERS: INTERPRETATION FROM RT3 ACCELERATOR <i>Yu Wen Chao, Jing-Lan Yang, Jiu-Jenq Lin, Han-Yi Huang, Tsun-Shun Huang</i>
O16-3	COMPARISON OF RESPIRATORY FUNCTIONS BETWEEN CHRONIC NECK PAIN AND NON-NECK PAIN SUBJECTS <i>Orawan Yeampattanaporn, Keerin Mekhora, Wattana Jalayondeja, Jatuporn Wongsathikun</i>

16:20-17:35

Location: Room 401

ORAL PRESENTATION [17] COMMUNITY BASED PROGRAM**Moderator: Mark ELKINS (Australia) & Tzyy-Juan WANG (Taiwan)**

O17-1	USAGE EVALUATION OF THE PHYSIOTHERAPY EVIDENCE DATABASE (PEDRO) IN THE ASIA-WESTERN PACIFIC REGION OF WCPT <i>Mark R Elkins, Anne M Moseley</i>
O17-2	IMPROVING PHYSICAL FUNCTION, SELF-ESTEEM AND HAPPINESS OF PEOPLE WITH SPINAL CORD INJURY IN THE COMMUNITY BY USING TASK-ORIENTED CLIENT-CENTERED TRAINING: A PRELIMINARY STUDY <i>Chompoonimit A, Nualnetr N</i>
O17-3	DOES COGNITIVE FUNCTION AFFECT PHYSICAL PERFORMANCE OF COMMUNITY-DWELLING ELDERS? <i>Yen-Hui Chen, Meng-Yueh Chien, Sheng-Jean Huang, Jau-Yih Tsauo</i>
O17-4	ACTIVITY REPORT OF JOCV REHABILITATION NETWORK FOR REFUGEES FROM FUKUSHIMA NUCLEAR PLANT ACCIDENT <i>Nozomi Chiwaki, Makoto Kono, Koaru Ishimoto, Yuki Haraguchi, Nodoka Miura</i>

O17-5	EXERCISE PROGRAM TO PREVENT NECK PAIN IN OFFICE WORKERS: A 1-YEAR CLUSTER-RANDOMIZED CONTROLLED TRIAL <i>Sihawong R, Janwantanakul P, Jiamjarasrangsi W</i>
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16:20-17:35

Location: Room 402

ORAL PRESENTATION [18] NEUROLOGICAL SYSTEM II	
Moderator: Hisashi MOCHIZUKI (Japan) & Pei-Fang TANG (Taiwan)	
O18-1	EFFECT OF REPETITIVE VISUAL STIMULATION ON PERCEPTUAL VISUAL DEPENDENCE IN HEALTHY YOUNGER AND OLDER PEOPLE <i>Shu-Chun Lee, Di J Newham, David A Green</i>
O18-2	EFFECT OF WHOLE BODY VIBRATION ON PERCEPTUAL VISUAL DEPENDENCE IN HEALTHY YOUNGER AND OLDER PEOPLE <i>Shu-Chun Lee, Di J Newham, David A Green</i>
O18-3	PRELIMINARY STUDY OF DYAD TRAINING: EFFECTS OF OBSERVATION-DURATION ON MOTOR LEARNING <i>Jintana Taptong, Jarugool Tretriluxana, Pakaratee Chaiyawat</i>
O18-4	CHARACTERISTIC APPEARANCES OF H-REFLEX AND F-WAVE OF THE SOLEUS MUSCLE UNDER INCREASING STIMULUS INTENSITY <i>Akira Yamashita, Toshiaki Suzuki, Yoshibumi Bunno</i>
O18-5	EFFECTS OF EXERCISE INTENSITY ON MEMORY PERFORMANCE AND HIPPOCAMPAL DENDRITIC COMPLEXITY IN BRAIN ISCHEMIC RATS <i>Pei-Cheng Shih, Ray-Yau Wang, Yea-Ru Yang</i>

Sunday, Sep. 8, 2013

10:30-12:00

Location: Room B101

SYMPOSIUM[4] CLINICAL APPLICATIONS & IMPACT OF MOTION ANALYSIS	
Chair: Wei-Li HSU (Taiwan) & Kwan-Hwa LIN (Taiwan)	
S4-1	A RELATIVE KINEMATIC AND KINETIC INDEX FOR EVIDENCE-BASED PHYSICAL THERAPY RESEARCH <i>Paul Sung (Korea)</i>
S4-2	DETECTING GAIT IMBALANCE IN THE ELDERLY: TRANSLATION FROM MOVEMENT ANALYSIS TO FALL PREVENTION <i>Li-Shan Chou (USA)</i>
S4-3	APPLICATION OF OPTOELECTRONIC ANALYSIS IN CHEST WALL MOTION <i>Kwan-Hwa Lin (Taiwan)</i>
S4-4	MULTI-JOINT COORDINATION IN POSTURAL CONTROL <i>Wei-Li Hsu (Taiwan)</i>
Panel Discussion	

10:30-11:30

Location: Room 301

ORAL PRESENTATION [19] SPORTS MEDICINE	
Moderator: Yasuo KAWAKAMI (Japan) & Yu-Jen CHEN (Taiwan)	
O19-1	THE EFFECT OF HALLUX-VALGUS DEFORMITY PREVENTION SOCKS <i>Yukio Urabe, Noriaki Maeda, Nobuaki Moriyama, Somu Kotoshiba, Jyupei Sasadai, Eri Fujii, Mitsuo Shintaku</i>
O19-2	COMPARISON OF REPOSITION ERROR OF KNEE JOINT BETWEEN WITH AND WITHOUT TAPING FOLLOWING QUADRICEPS MUSCLE FATIGUE <i>Young-ju Park, Ju-ree Kang, Yu-jin Song, Sun-young Park, Da-yeong Song, Seo-Hyun Kim, Min-ji Jeon</i>
O19-3	IMPAIRMENTS IN JOINT POSITION SENSE, ANKLE DORSIFLEXION, FUNCTION AND PAIN IN ACUTE, SUB-ACUTE AND RECURENT ANKLE SPRAINED PEOPLE <i>Chich-Haung Richard Yang, Paul W Hodges, Bill Vicenzino</i>
O19-4	THE DIFFERENCE OF SERVE PERFORMANCE AND PHYSIOLOGICAL CHARACTERISTICS BETWEEN PROFESSIONAL AND AMATEUR <i>Yi-Ju Chen, Yi-Fen Shih</i>

10:30-12:00

Location: Room 302

ORAL PRESENTATION [20] EDUCATION II	
Moderator: Haejung Lee (Korea) & Ar-Tyan HSU (Taiwan)	
O20-1	CURRENT SITUATION OF THE CONSCIOUS TOWARD INTERNATIONAL AFFAIRS AMONG UNDERGRADUATE AND POSTGRADUATE STUDENT IN JAPAN <i>Natsu Fujiwara, Junshiro Yamamoto, Chie Minami, Manako Konda, Kazuki Ueda, Kazuya Yoshimura, Daisuke Matsumoto</i>

September 8

O20-2	PERCEPTIONS ON THE POTENTIAL USE OF TELESUPERVISION IN PHYSICAL THERAPY INTERNSHIP TRAINING IN THE PHILIPPINES <i>Peralta CR, Aguinaldo IB, Abando JRE, Angeles QGR, Chavez FTM, Pineda AS, Rivera MC</i>
O20-3	WEBINAR AS AN EDUCATIONAL STRATEGY IN PHYSICAL THERAPY: A PILOT STUDY <i>Peralta CR, Base RA, Busayong EM, Caadan ED, Felix CJ, Ngo NP, Sosa KE</i>
O20-4	THE INFLUENCE OF HAZARD PREDICTION TRAINING `KYT` IN UNDERGRADUATE PHYSIOTHERAPY EDUCATION ON PATIENT SAFETY <i>Hiroyasu Iwatsuki, Junko Iwatsuki, Yoshibumi Bunno, Yuuko Yurugi</i>
O20-5	INTRODUCING COCHRANE REVIEWS DURING THE ENTRY LEVEL PHYSIOTHERAPY CURRICULUM - A PRELIMINARY REPORT <i>Narasimman Swaminathan, Vanitha D'souza</i>
O20-6	AN ANALYSIS OF PHYSIOTHERAPY CURRICULUM IN INDIA <i>Narasimman Swaminathan, Niranjan Gummaraj, Vanitha D'souza</i>

10:30-12:00

Location: Room 303

ORAL PRESENTATION [21] STUDENT AWARD II

Moderator: Gillian WEBB (Australia) & Jau-Yih TSAUO (Taiwan)

O21-1	IMMEDIATE EFFECTS OF TRUNK STABILIZER MUSCLES TRAINING ON POSTURAL CONTROL IN PATIENTS WITH NON-SPECIFIC CHRONIC LOW BACK PAIN <i>Earde P, Vongsirinavarat M, Sakulsriprasert P, Vachalathiti R</i>
O21-2	ACUTE EFFECTS OF AEROBIC INTERVAL TRAINING VERSUS MODERATE CONTINUOUS TRAINING ON ENDOTHELIAL FUNCTION <i>Kana Inuzuka, Naoki Iritani, Simpei Ishida, Yuta Hagiwara, Chikako Asai, Keigo Akao, Yuji Kono, Kotaro Iwatsu, Sumio Yamada</i>
O21-3	EFFECTS OF ALTERNATIVE AND CONTINUOUS EXERCISE TRAINING ON ENDOTHELIAL PROGENITOR CELLS <i>Chin-Pu Lin, Jong-Shyan Wang</i>
O21-4	IMMEDIATE-EFFECTS OF LOW-FREQUENCY REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION WITH TASK-SPECIFIC-PRACTICE IN INDIVIDUALS WITH SUBACUTE-STROKE: A PILOT-STUDY <i>Jenjira Thanakamchokchai, Jarugool Tretriluxana, Chutima Jalayondeja, Narawut Pakaprot</i>
O21-5	MODIFICATION OF OUTSOLE STIFFNESS ON CENTER OF PRESSURE DURING WALKING <i>Kuen-Ting Huang, Yi-Fen Shih, Tzyy-Juan Wang, Wen-Yin Chen</i>
O21-6	DESIGN OF DUAL-TASKING TIMED UP AND GO TEST WITH THREE-LEVEL COMPLEXITY <i>Kai-Yu Chung, Pei-Shan Hsieh, Ya-Chi Peng, Hui-Ya Chen</i>

10:30-12:00

Location: Room 304

ORAL PRESENTATION [22] MUSCULOSKELETAL SYSTEM IV

Moderator: Robert HERBERT (Australia) & Hui-Ji FAN (Taiwan)

O22-1	BACK EXTENSION EXERCISE DECOMPRESSED THE COMPROMISED SPINAL ROOT IN PATIENTS WITH SUB-ACUTE RADICULOPATHY <i>Sami Alabdulwahab</i>
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O22-2	STUDY OF DURATION AND BACK ELECTROMYOGRAPHIC ACTIVITY ON SIDEWAY SITTING POSITION <i>Parinya Lertsinthalai, Panada Taechasubamorn, Kanokporn Ooneklabh</i>
O22-3	EFFECTS OF VIBRATION STIMULI ON POSTURAL BALANCE DURING DOUBLE LEG STANDING <i>Hye-jin Park, Young-ju Kim, Ji-su Jung, Mi-hye Jo, Eun-neung Choi</i>
O22-4	TEMPOROMANDIBULAR JOINT FUNCTION AND QUALITY OF LIFE IN PATIENTS WITH CRANIOTOMY OR CRANIECTOMY <i>Chuan-Yuan Chiu, Kuo-Chuan Wang, Ham-Min Tseng, Yi-Hsin Tsai, Jau-Yih Tsauo, Sheng-Jean Huang</i>
O22-5	UNLOADING-INDUCED MUSCLE ATROPHY IN CULTURE MODEL IS MEDIATED BY UBIQUITIN-PROTEASOME SYSTEM <i>Kiyoshi Yoshioka, Yuko Kurogi, Nobuaki Sasai, Kimihide Hayakawa, Taro Murakami, Masumi Inoue-Miyazu, Keisuke Kawakami</i>
O22-6	DIAGNOSTIC ACCURACY OF KNEE AND HIP MUSCLE STRENGTH MEASUREMENTS IN PATIENTS WITH KNEE OSTEOARTHRITIS <i>Nobuhiro Kito, Takahiro Yamasaki, Masaya Anan, Ryo Tanaka, Jyunya Ozawa, Naohiko Kanemura, Hideki Moriyama, Koichi Shinkoda</i>

10:30-12:00

Location: Room 401+402

SYMPOSIUM [5] ELECTRICAL STIMULATION TO CENTRAL AND PERIPHERAL NERVOUS SYSTEMS: APPLICATION FOR NEUROREHABILITATION

Chair: Satoshi TANAKA (Japan)

S5-1 **TRANSCUTANEOUS POSTERIOR ROOT STIMULATION FOR LUMBOSACRAL CORD IN PATIENTS WITH SPINAL CORD INJURY**
Yun-An Tsai (Taiwan)

S5-2 **THETA BURST STIMULATION OF HUMAN MOTOR CORTEX AFTER STROKE**
I-Hui Lee (Taiwan)

S5-3 **NOVEL STRATEGY OF PERIPHERAL NERVE STIMULATION FOR THE RECOVERY OF LOCOMOTION AMONG PATIENTS WITH CENTRAL NERVOUS SYSTEM LESIONS**
Tomofumi Yamaguchi (Japan)

S5-4 **SENSORY FEEDBACK BY TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION TO IMPROVE MANIPULATION DEFICIT CAUSED BY SEVERE SENSORY LOSS AFTER STROKE**
Kahori Kita (Japan)

Panel Discussion

12:15-13:30

Location: B101

EDUCATION SYMPOSIUM: PHYSICAL THERAPY ENTRY LEVEL EDUCATIONAL REFORMS IN ASIA WESTERN PACIFIC COUNTRIES

Chair: Suh-Fang JENG (Taiwan) & Marilyn MOFFAT (USA)

E1-1 **OPENING REMARKS**
Suh-Fang Jeng (Taiwan)

E1-2 **ENTRY-LEVEL PT EDUCATION STANDARD OF WCPT**
Marilyn Moffat (USA)

E1-3	PHYSICAL THERAPY ENTRY LEVEL EDUCATIONAL REFORMS IN the USA <i>Marilyn Moffat (USA)</i>
E1-4	PHYSICAL THERAPY ENTRY LEVEL EDUCATIONAL REFORMS IN AUSTRALIA <i>Gillian Webb (Australia)</i>
E1-5	PHYSICAL THERAPY ENTRY LEVEL EDUCATIONAL REFORMS IN HONG KONG <i>Marco Pang (Honk Kong)</i>
E1-6	PHYSICAL THERAPY ENTRY LEVEL EDUCATIONAL REFORMS IN TAIWAN <i>Ar-Tyan Hsu (Taiwan)</i>
E1-7	PHYSICAL THERAPY ENTRY LEVEL EDUCATIONAL REFORMS IN KOREA <i>Hae-Jung Lee (Korea)</i>
E1-8	PHYSICAL THERAPY ENTRY LEVEL EDUCATIONAL REFORMS IN NEW ZEALAND <i>Margot Skinner (New Zealand)</i>
Panel Discussion	

14:30-16:00

Location: Room B101

SYMPOSIUM [6] THE PHYSIOTHERAPY EVIDENCE DATABASE (PEDro): WHAT IT IS AND HOW IT CAN HELP THE ASIA-WEST PACIFIC REGION OF WCPT

Chair: Mark ELKINS (Australia)

S6-1	WHAT IS THE PHYSIOTHERAPY EVIDENCE DATABASE (PEDro) AND HOW HAS IT CHANGED RECENTLY? <i>Robert Herbert (Australia)</i>
S6-2	THE EXTENT AND QUALITY OF EVIDENCE ON PEDro <i>Mark Elkins (Australia)</i>
S6-3	HOW LESS RESOURCED MEMBERS OF THE ASIA-WEST PACIFIC REGION OF WCPT COULD USE PEDro <i>Narasimman Swaminathan (India)</i>
Panel Discussion	

14:30-16:00

Location: Room 301

ORAL PRESENTATION [23] CANCER REHABILITATION & PAIN

Moderator: Su-Fen YEW (Malaysia) & Shwu-Fen WANG (Taiwan)

O23- 1	EFFECTS OF RESISTANCE EXERCISE PROGRAM FOR EARLY BREAST CANCER SURVIVORS: A RANDOMIZED CONTROL PILOT TRIAL <i>Heui-Fen Lin, Jau-Yih Tsauo</i>
O23 - 2	INVESTIGATION OF FACTORS INFLUENCING INDEPENDENT GAIT IN PATIENTS THE DAY AFTER ABDOMINAL SURGERY <i>Takashi Kitagawa, Keita Uchiyama, Shigeru Terada</i>
O23 - 3	EXPLORING THE PERCEIVED NEEDS OF WOMEN WITH LYMPHEDEMA FOLLOWING CARCINOMA BREAST <i>Yew SF, Leonard JH</i>

O23 - 4	FILIPINO PHYSICAL THERAPISTS' PERSPECTIVES ON CANCER REHABILITATION <i>Donald S Lipardo, Maria Elizabeth M Grageda, Tracy Joyce M Zamora, Norbert B Abeto, Mark Kaiser O Mabazza, Maria Lucia Angeli R Ramos, Czarimirr Shanon S Sy, Noreen JL Yeo</i>
O23 - 5	THE EFFECT OF TAPING THERAPY AND LUMBO-PELVIC STABILIZATION EXERCISE ON MENSTRUAL PAIN <i>Ji-Heon Hong, Hyun-Young Kim, Ye-Ji Jang</i>
O23 - 6	SIGNS AND SYMPTOMS OF LOW BACK PAIN AMONG RICE FARMERS IN A COMMUNITY IN THAILAND <i>Thanawat T, Nualnetr N</i>

14:30-15:30

Location: Room 302

ORAL PRESENTATION [24] CARDIOVASCULAR AND RESPIRATORY SYSTEM

Moderator: Shin-Da LEE (Taiwan) & Miao-Ju Hsu (Taiwan)

O24-1	IMMEDIATE EFFECTS OF LOW FREQUENCY WHOLE BODY VIBRATION ON CARDIOVASCULAR FUNCTIONS IN YOUNG HEALTHY PERSONS <i>Hiroyasu Iwatsuki, Kazuya Kannari, Hiroaki Takahashi, Yuuko Yurugi, Yoshibumi Bunno</i>
O24-2	NEW EFFECTS OF EXERCISE THERAPY ON HYPERTENSIVE HEART <i>Shin-Da Lee, Ai-Lun Yang, Chih-Yang Huang</i>
O24-3	REHABILITATION CENTER IS CHANGING - WHAT ABOUT AGENCY? <i>Arja Piirainen, Hanna Vehmas, Pertti Matilainen, Mikko Rajaniemi</i>
O24-4	STUDENT'S EXPECTATIONS FOR DIRECT ACCESS SERVICES EDUCATION AMONG EXPERIENCED PHYSIOTHERAPIST IN CENTRAL FINLAND <i>Arja Piirainen, Tuulikki Sjögren</i>

14:30-16:00

Location: Room 303

ORAL PRESENTATION [25] OCCUPATIONAL AND ENVIRONMENTAL HEALTH

Moderator: Ching-Yi WANG (Taiwan) & Chiung-Yu CHO (Taiwan)

O25-1	OBSERVATION OF MEDIAN NEURAL TENSION DURING 4 HOURS OF CONTINUOUS COMPUTER USE <i>Rujiret Upiriyasakul, Keerin Mekhora, Wattana Jalayondeja</i>
O25-2	HEALTH, PHYSICAL FUNCTIONING AND WORK ABILITY AMONG SUBJECTS IN FOREST INDUSTRY: COMPARISON BETWEEN TWO SICKNESS ABSENCE GROUPS <i>Tuulikki Sjögren, Eino Puttonen, Arja Piirainen</i>
O25-3	DEVELOPMENT OF LOW BACK PAIN PREVENTION MANUAL FOR RICE FARMERS <i>Panada Taechasubamorn, Pongsakon Kanaekwichapon, Pipat Pitiaumnuysub, Olan Isariyapan</i>
O25-4	THE EFFECT OF KNEE AND ANKLE MOVEMENT ON REDUCING LEG SWELLING IN LOWER EXTREMITIES <i>Jae-Ho Yu, Mi-Hwa Park, Jung-Woo Jeon</i>
O25-5	WORK RELATED MUSCULOSKELETAL DISORDER OF UPPER LIMB AND NECK ARE COMMON AMONG SCHOOL TEACHERS IN INDIA <i>Bharat Deep, Kanaqaraj R, V. V. Jidesh</i>

O25-6	<p>COMPARISON OF THE EFFECTS OF THERAPEUTIC EXERCISE AND EXERCISE BEHAVIOR CHANGE ON SITTING POSTURES FOR COMPUTER USERS WITH MUSCULOSKELETAL SYMPTOMS</p> <p><i>Chiung-Yu Cho, Yu-Shan Huang, Wen-Lin Zhang</i></p>
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14:30-15:45

Location: Room 304

ORAL PRESENTATION [26] Geriatrics II	
Moderator: Wen LING (USA) & Yasushi UCHIYAMA (Japan)	
O26-1	<p>THE RELATIONSHIP BETWEEN CHANGE OF ADL AND CHANGE OF PHYSICAL PERFORMANCE MEASURES IN COMMUNITY-DWELLING ELDERLY</p> <p><i>Taiki Sugimoto, Ryuichi Sawa, Sho Nakakubo, Yuya Ueda, Nakatsu Nobuyuki, Fumihiro Naruse, Rei Ono</i></p>
O26-2	<p>RELATIONSHIP BETWEEN FALL AND PEAK COUGH FLOW IN COMMUNITY-DWELLING OLDER ADULTS</p> <p><i>Matsumoto Daisuke, Takatori Katsuhiko, Okada Yohei, Matsushita Shinichiro</i></p>
O26-3	<p>THE EFFECTS OF PERIPHERAL MOBILIZATION IN ELDERLY WITH PERIPHERAL JOINT DYSFUNCTION: SYSTEMATIC REVIEW</p> <p><i>Noor Hafifi Noor Hisham, Haidzir Manaf, Kamaria Kamaruddin, Lydia Abdul Latif</i></p>
O26-4	<p>PHYSICAL PERFORMANCE AND MUSCLE STRENGTH IN OUTPATIENT FRAIL OLDER ADULTS</p> <p><i>Tsai-Chun Chen, Ching-Yu Chen, Ming-Hsia Hu</i></p>
O26-5	<p>DETERMINING THE NUMBER OF NECESSARY TRIALS AND CUTOFF POINTS OF SINGLE-TASKING AND DUAL-TASKING TUG TEST FOR PREFRAILTY</p> <p><i>Hui-Ya Chen, Ya-Chi Peng</i></p>

14:30-16:00

Location: Room 401+402

SYMPOSIUM [7] PHYSICAL THERAPY IN CRITICAL CARE – RESPIRATORY & REHABILITATION MANAGEMENT UPDATE	
Chair : Shane PATMAN (Australia); Sanjeewa TUNPATTU (Sri Lanka)	
S7-1	<p>PHYSICAL THERAPY IN CRITICAL CARE – RESPIRATORY & REHABILITATION MANAGEMENT UPDATE</p> <p><i>Shane Patman (Australia)</i></p>
S7-2	<p>ROLE OF PHYSICAL THERAPY IN THE MANAGEMENT AND PREVENTION OF HOSPITAL ACQUIRED INFECTIONS (HAI) AND VENTILATOR ASSOCIATED PNEUMONIA (VAP) IN CRITICAL CARE</p> <p><i>Sanjeewa Tunpattu (Sri Lanka)</i></p>
S7-3	<p>PHYSICAL THERAPY RESPIRATORY & REHABILITATION CRITICAL CARE CASE STUDY DISCUSSION</p> <p><i>Margot Skinner (New Zealand)</i></p>
Panel Discussion	

Poster Session

Session I 15:20-16:20, Saturday, Sep. 7, 2013

Location: Room101+102

Poster Award	
AP-01	SCAPULAR DYSKINESIS: A RELIABILITY AND VALIDITY STUDY OF NOVEL CLASSIFICATION TEST <i>Tsun-Shun Huang, Han-Yi Huang, Jiu-Jenq Lin</i>
AP-02	ASSESSMENT OF UPPER LIMB FUNCTION IN CERVICAL SPONDYLOTIC MYELOPATHY PATIENTS BY SINE-WAVE DRAWING TASK <i>Tomohiro Nishi, Kiyohiro Fukudome, Kazunori Yone, Tetsuo Maeda, Kazutaka Hata, Yutaka Kawaida, Atsushi Hirata</i>
AP-03	AGE-RELATED CHANGES IN ANKLE STRATEGY DURING SIT-TO-STAND <i>Takamitsu Fujii, Nobuhiro Kito</i>
AP-04	COMPARISON OF TRUNK-LEG KINETIC CHAIN IN DIFFERENT TYPES OF CHRONIC LOW BACK PAIN PATIENTS <i>Ohe A, Kimura T, Goh AC, Tanikawa H, Mogami Y, Oba A, Hirakawa M</i>
AP-05	INTERVENTION EFFECTS ON EMOTIONAL REGULATION IN PRETERM INFANTS WITH VERY LOW BIRTH WEIGHT <i>Ying-Chin Wu, Yen-Ting Yu, Wu-Shiun Hsieh, Chyong-Hsin Hsu, Hui-Chin Hsu, Wei-J Chen, Susan Shur-Fen Gau, Suh-Fang Jeng</i>
AP-06	WALKING SPEED AND INSTRUMENTAL ACTIVITIES OF DAILY LIVING AFTER HOSPITAL DISCHARGE AMONG HEART FAILURE PATIENTS <i>Erika Shimizu, Shuhei Yamamoto, Kentaro Kamiya, Nobuaki Hamazaki, Akihiro Makino, Yoshie Kaneko, Hiromasa Ito, Shinichi Obara, Masahiko Kimura, Chiharu Noda, Minako Yamaoka-Tojo, Takashi Masuda, Atsuhiko Matsunaga</i>
Assistive technology	
I-P001	DIFFERENCE OF SHEAR FORCE WHILE RECLINING BACK SUPPORT BY ROTATIONAL AXIS POSITION OF BACK SUPPORT <i>Kobara K, Fujita D, Osaka H, Ito T, Takahashi H, Watanabe S</i>
I-P003	EFFECTS OF MUSCLE ACTIVITIES FOR PARTICIPANT WITH STROKE DURING BWSTT WITH LBPP: A SINGLE-SUBJECT STUDY <i>Ken Imada, Satoshi Matsuo, Yasuaki Kawai</i>
I-P004	FALLING TEST OF A T-HANDLE CANE PREVENTING FALLS WHEN LEANED AGAINST AN OBJECT <i>Hiroaki Morita, Junichi Hashimoto</i>
I-P005	USABILITY EVALUATION OF A T-HANDLE CANE PREVENTING FALLS WHEN LEANED AGAINST AN OBJECT <i>Hiroaki Morita, Takashi Suzuki</i>
I-P006	INVESTIGATION OF IMAGE-ANALYSIS DETECTION LIMIT FOR LIFTING OF COMMISSURA LABIORUM <i>Tomoya Miyasaka, Toshiaki Tanaka, Takashi Izumi</i>
I-P007	CHANGES IN FOREARM PRESSURE CAUSED BY ALTERATIONS IN THE HEIGHT OF ARM SUPPORT <i>Fujita D, Kobara K, Osaka H, Watanabe S, Cleminson T</i>

Assistive technology	
I-P008	TO INVESTIGATE THE EFFECTS OF THE PARKINSON'S MOBILITY AID ON GAIT AND QUALITY OF LIFE <i>Celia Tan, Dawn Tan, Eng King Tan</i>
I-P009	DEVELOPMENT OF A REMINDER WHEELCHAIR SYSTEM WITH MULTISENSORY STIMULATION TO SUPPORT DISABLED PERSON <i>Toshiaki Tanaka, Takashi Izumi, Syunichi Sugihara, Tomoya Miyasaka, Norio Kato, Yasuhiro Nakajima</i>
Exercise and physical activity	
I-P010	EFFECTS OF 6-MONTH COMBINED FUNCTIONAL TRAINING ON PHYSICAL PERFORMANCES IN COMMUNITY-DWELLING INDIVIDUALS WITH CHRONIC STROKE <i>Hiroyuki Hashidate, Taizo Shiom, Hiroyuki Shimada, Norio Sasamoto</i>
I-P011	DEVELOPMENT OF AN EXERCISE DVD FOR OLDER PEOPLE TO PROMOTE PHYSICAL ACTIVITIES FOR HEALTH <i>Sanjeewa Tunpattu</i>
I-P012	PREPARATION OF HEALTH CARE PROFESSIONALS FOR PREVENTION OF NON COMMUNICABLE DISEASES THROUGH HEALTH PROMOTION <i>Sanjeewa Tunpattu</i>
I-P013	THE INFLUENCE OF MUSCLE ACTIVITY INDUCED BY LOW-FREQUENCY WHOLE-BODY VIBRATION ON BLOOD SUGAR LEVELS <i>Sangun Lee, Akifumi Kawanishi, Junichi Hashimoto, Atsuko Sato, Takao Suzuki, Chikako Fujita</i>
I-P014	EFFECTS OF JUMPING MOVEMENTS DURING THE GROWTH PERIOD ON RAT BONE MORPHOLOGY <i>Takao Suzuki, Asami Shinagawa, Junichi Hashimoto, Sangun Lee</i>
I-P015	SALIVARY ALPHA-AMYLASE REFLECTS CHANGES IN ATTENTIONAL DEMAND DURING POSTURAL CONTROL <i>Kazunori Akizuki, Yukari Ohashi</i>
I-P016	IS THE CONCURRENT VERBAL FEEDBACK WITH LOW FREQUENCY EFFECTIVE IN MOTOR LEARNING? <i>Yamamoto Ryohei, Ohashi Yukari</i>
I-P017	THE RELATIONSHIP BETWEEN FOOT PAIN AND PHYSICAL ACTIVITY IN YOUNG ADULTS WITH FLATFOOT <i>Kun-Chung Chen, Pe-Yi Lin, Pei-Xuan Lee, Tin-We Liu, Chun-Hou Wang</i>
I-P018	THICKNESS OF TRANSVERSUS ABDOMINIS MUSCLE DURING "DRAWING-IN" AND EXPIRATORY THRESHOLD LOADING IN SUPINE AND SITTING <i>Takamune Sugimoto, Masami Yokogawa, Hiroichi Miaki, Takao Nakagawa</i>
I-P019	THE RELATIONSHIP BETWEEN MAXIMUM WALKING SPEED AND THE MUSCLE VARIABLES <i>Hiroichi Miaki, Masami Yokogawa</i>
I-P020	EFFECT OF MUSCLE STRENGTH AND MUSCLE ENDURANCE TRAINING ON MUSCLE DEOXYGENATION LEVEL AND ENDURANCE PERFORMANCE <i>Keita Uchiyama, Hiroichi Miaki</i>
I-P021	TAEKWONDO KIDS - KICKING FAST AND HARD <i>Shirley SM Fong, Louisa MY Chung, Ada WW Ma, Lina PY Chow, William WN Tsang</i>

Exercise and physical activity	
I-P022	STUDY OF KNEE FLEXION LIMIT OF TOTAL KNEE ARTHROPLASTY SURGERY THAT FOCUSES ON LAW APPROACH <i>Masakazu Yokochi</i>
I-P023	STATIC INTERVENTION EFFECTS ON INHIBITION OF DISUSE ATROPHY AMONG RAT MUSCLE REGIONS IN LONGITUDINAL DIRECTION <i>Ryo Miyachi, Toshiaki Yamazaki</i>
I-P024	LONG-TERM EFFECT OF THE EXERCISE PROGRAM TO MOTOR FUNCTION ON FRAIL ELDERLY TWO-YEARS FOLLOW-UP STUDY-- EXERCISE PROGRAM SPECIFICALLY FOR INDIVIDUALS CERTIFIED AS REQUIRING CARE IN JAPAN <i>Hidenori Yano</i>
I-P025	THE EFFECT OF EXERCISE ON THE VASCULAR ENDOTHELIAL GROWTH FACTOR IN THE SUPRASPINATUS TENDON <i>Kenji Murata, Naohiko Kanemura, Takanori Kokubun, Junichi Matsumoto, Tsutomu Fujino, Kiyomi Takayanagi</i>
I-P026	EFFECTS OF STATIC WEIGHT-BEARING TRAINING WITH BATHROOM SCALES ON TRANSTIBIAL AMPUTEE <i>Hsin-Yu Chen, Chih-Kang Chang, Wen-Hsu Sung</i>
I-P027	EFFECTS OF DYNAMIC-INTENSIVE EXERCISE FOR HEALTH-RELATED QUALITY OF LIFE IN CHRONIC STROKE PATIENTS <i>Ryo Kondo, Mizue Suzuki, Masaaki Nagashima, Takashi Mizushima</i>
I-P028	EFFECTS OF ADDITIONAL BALANCE TRAINING ON FUNCTIONAL OUTCOME AFTER TOTAL KNEE ATHROPLASTY <i>Chun-De Liao, Tsan-Hon Liou, Li-Fong Lin, Yi-Ching Huang</i>
I-P029	CODMAN EXERCISE SHOULD ADAPT A NEW THEORY <i>Hiroyuki Horikawa</i>
I-P030	CONTRALATERAL HIP ABDUCTION DURING SINGLE LEG STANDING INDUCES GLUTEUS MEDIUS ACTIVITY IN WEIGHT-BEARING SIDE <i>Ishida Hiroshi, Suehiro Tadanobu, Watanabe Susumu</i>
I-P031	DIFFERENT STRATEGIES OF CORE MUSCLE TRAINING FOR THE PATIENTS WITH CHRONIC LOW BACK PAIN <i>Hsin-I Tsai, Wei-Syuan Huang, Szu-Ying Lee, Hsin-Jung Yang, Shu-Ya Chen, Wen-Dien Chang</i>
I-P032	COMPARISON OF THE AMOUNT OF DAYTIME PHYSICAL ACTIVITY OF HOSPITALIZED ELDERLY PERSONS, DAYCARE USERS, AND YOUNG NORMAL ADULTS <i>Yuta Sato, Takeya Ono, Sadaaki Oki, Namiko Umei, Atsushi Tasaka, Hideki Ishikura, Kazuki Aihara, Michele Eisemann Shimizu, Akira Otsuka</i>
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About Taiwan

Welcome to Taiwan

Taiwan is an island on the western edge of the Pacific Ocean. Many airlines fly to Taiwan, making it the perfect travel destination. We have established 7 national parks and 13 national scenic areas to preserve Taiwan's best natural ecological environment and cultural sites.



The blending of Hakka, Taiwanese, indigenous people and mainland Chinese cultures has produced a rich plethora of cultural and social color. Food is the best representative of this cultural mixing and matching. Aside from cuisines from different parts of the mainland, there is also Taiwanese cuisine as well as local delicacies from each area on the island.

Language

Mandarin is the official language in Taiwan, and Taiwanese (Min-Nan) is also widely spoken. The most commonly used foreign language is English. However, to be on the safe side, when taking a taxi in Taiwan, it is advisable to prepare a note with your place of destination written in Chinese to show to the Taxi drivers.

Scenic Spots

The Sun Moon Lake National Scenic Area is the most famous scenic area close to Taichung. Divided by Lalu Island, the Sun Moon Lake scenic area got its name from the unique terrains that look like sun on one side and crescent moon on the other. The Sun Moon Lake Scenic Area attracts more than six million visits each year. This is where the congress Tour going to visit.



Chung Tai Chan Monastery is a Buddhist monastery located in the Puli Township in Taiwan's central Nantou County, which is close to Taichung. The design of Chung Tai Chan Monastery began in 1992. After 3 years of planning and 7 years of construction, this landmark building opened its doors on September 1, 2001, initiating a new era of Buddhism dissemination for Chung Tai. This is also where the congress Tour going to visit.



About Taichung

Taiwan's third largest city; Taichung enjoys a mild year-round climate with an average temperature of 22.4 degrees centigrade. It also has a highly developed industrial and commercial base, thriving cultural scene, friendly people, and beautiful scenery, all of which contribute to its status as an international-class city.



Culture

Long known as Taiwan's "culture city", Taichung is dotted with excellent cultural attractions, venues, institutions and events. These include some of Taiwan's finest museums, temples, art galleries, and cultural/historical sites. Though most of these attractions focus on local culture, there are also periodic visiting events and attractions from abroad. In addition, the city's concert halls host a variety of cultural events regularly, from concerts of classical Chinese and Western music to various plays and operas.

Dining

Taichung has always been a great place to sample local cuisine. In the last decade Taichung has seen an explosion in interest for all kinds of world cuisine. Today, great options are available for lovers of all cuisine types, ranging from Turkish to Teppanyaki, from Mexican to Mongolian. Taichung is famous island-wide for tasty, authentic cuisine that matches or beats that available in the capital Taipei- yet with better decor and far better prices!

Night Markets

Taichung has several open-air night markets that feature local food and diversions. One of the famous night markets is Feng Chia Wenhua Road Night Market. Its consumers consist of mainly young men at the age of twenty to thirty years old. Because it is located near schools and downtown, it has gradually become the leader of night markets in Taichung City.

Source: 2013 Tourism Bureau, Republic of China (Taiwan)

Taichung City Government

www.ctworld.org.tw; www.sunmoonlake.gov.tw; www.en.wikipedia.org

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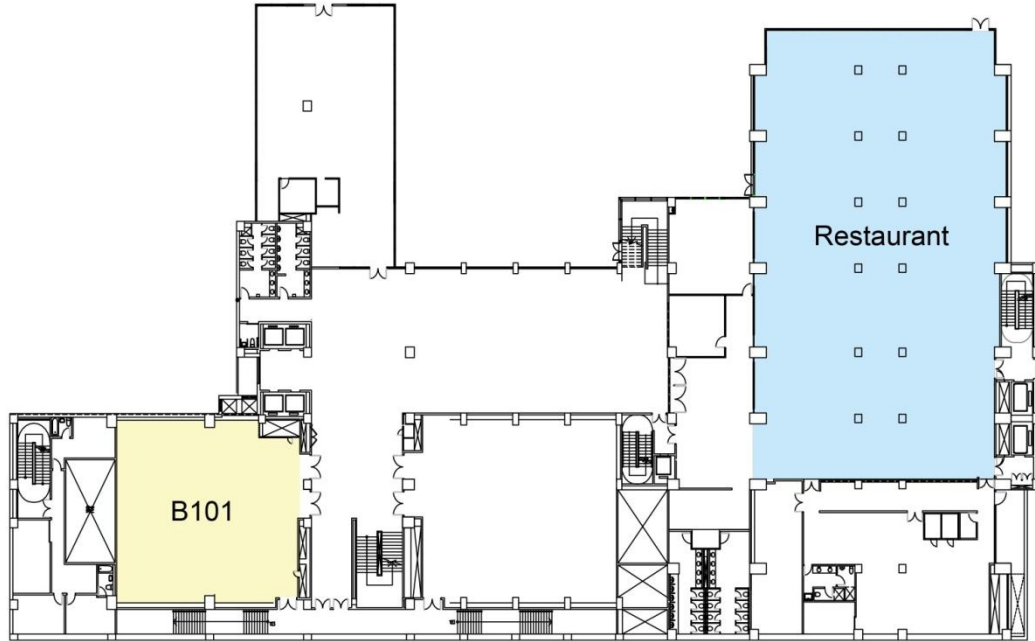
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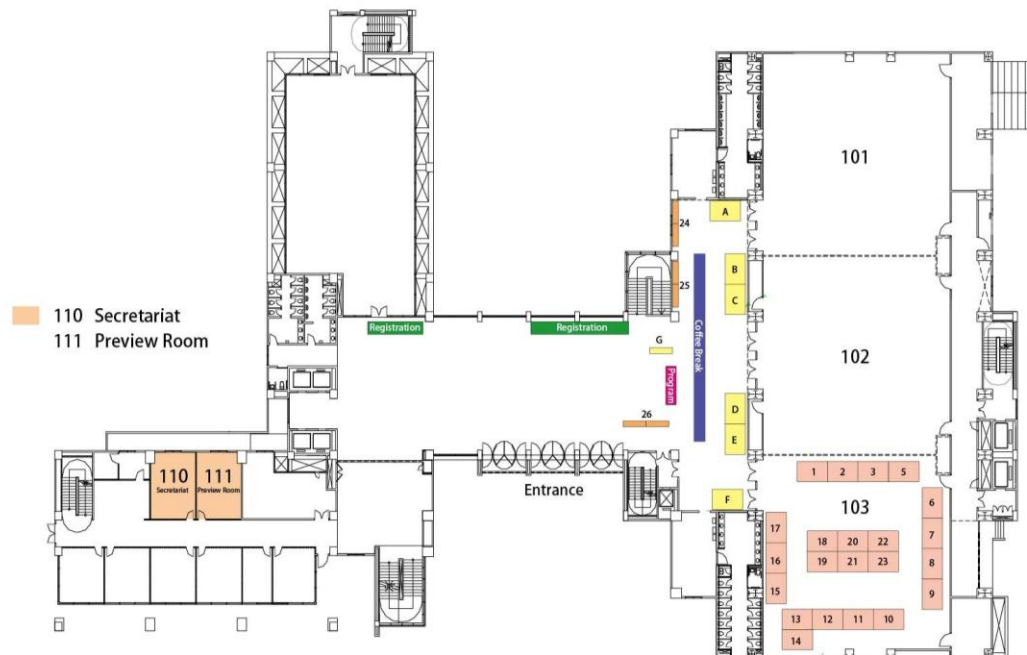


Floor Plan

B1 Floor



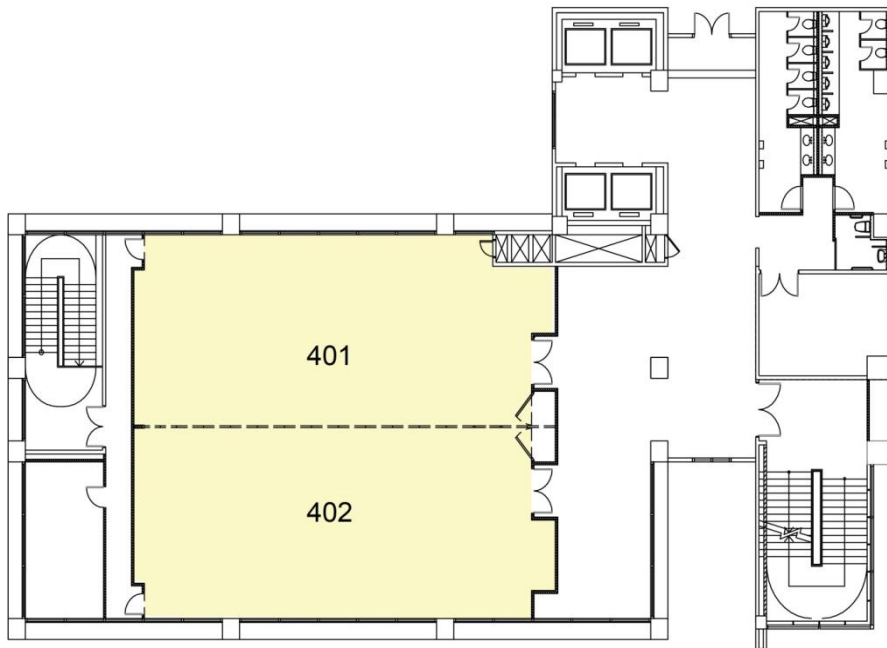
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3rd Floor



4th Floor



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