

DECEMBER 11~12, 2025

RESEARCH BUILDING, CHANG GUNG MEMORIAL HOSPITAL,
LINKOU, TAIWAN

Neuromuscular Interface, Pain Management, & Beyond

2025 TSRM ANNUAL MEETING

JSRM/KSM/TSRM JOINT MEETING

LIVE DEMO OF TMR/RPNI

SOLO-GUIDED NERVE BLOCK

OSTEOINTEGRATION & BIONIC LIMB

LIMB FUNCTIONAL RECONSTRUCTION

Live Surgery Demonstration!



Cheng-Hung Lin



Paul Cederna



Oskar Aszmann



Harvey Chim



Jason Shih Hoellwarth

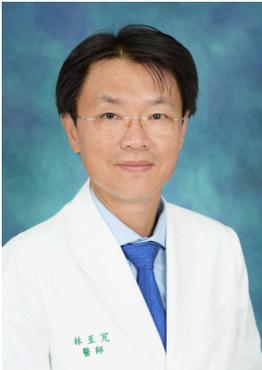
INTERNATIONAL SPEAKERS



Kyoto University
Ryosuke Ikeguchi



Osaka University
Tateki Kubo



National Taiwan University Hospital
Chih-Peng Lin



National Center for Child Health and Development
Takehiko Takagi



Kameda Medical Center
Hayato Kuno



Ogori Daiichi General Hospital
Kota Hayashi

AGENDA

THURSDAY, DECEMBER 11, 2025

7:15 - Registration and breakfast

7:45 - Welcome and introductions

08:00-09:00 - FROM TMR TO RPNI

- Origin and science behind TMR 東京成育醫院 Prof. Takehiko from JSRM
- Basic science behind RPNI and sensorimotor interface with implantable electrodes
- Myoelectric prostheses 林口長庚復健科裴育晟主任

09:00-11:30 - LIVE SURGERY

- Demonstrated by Prof. Oskar Aszmann

11:30-12:15 - HAND TRANSPLANTATION VS BIONIC PROSTHESIS

- **Presidential Lecture:** VCA: advances and challenges 林口長庚整形外科林承弘主任
- **Panel discussion:** Transplants vs prostheses

12:15-1:00 - LUNCH/EXHIBITS

1:05 - 1:35 KEYNOTE SPEECH: PAUL CEDERNA

- **Keynote speech:** “Cyborgs: now is the time”

1:40-2:40 - JSRM/KSM/TSRM JOINT SESSION I

- JSRM Kyoto University Prof. Ryosuke Ikeguchi
Peripheral nerve regeneration by Bio 3D nerve conduit using a bio-3D printer (20min)
- KSM (20min)
- TSRM 謝式洲理事長或杜元坤院長 (20min)

2:50-4:20 - NEUROMA AND PHANTOM PAIN MANAGEMENT (CME)

- Searching for the source of pain: 林口影醫部林彥柏醫師
- Ultrasound neurography: 林口長庚復健科 裴育晟主任
- Minimal invasive pain managements: 台大麻醉科 林至芄主任
Demonstration of diagnosis of neuroma pain on live patients + ultrasound guided lidocaine injection
- Treatment strategy for painful neuroma of superficial radial nerve with considering anatomical features: Prof. Hayato Kuno
- Surgical management for neuropathic pain and prevention of neuroma/phantom pain: TMR, Nerve transfers, or RPNI: Theodore Kung
- Panel discussion

AGENDA

FRIDAY, DECEMBER 12, 2025

7:15-8:25 - BREAKFAST AND EXHIBITS

08:00-09:00 - SENSORY FEEDBACK OF BIONIC LIMBS

- Sensory feedback? Advancements in brain-computer interface 台大神經外科 黃博浩副教
- 陽明交通大學 林慶波教授

9:00-11:20 - LIVE SURGERY

- Demonstrated by Prof. Paul Cederna
- RPNI demonstration: transhumeral amputation
- Treatment of painful neuroma
- Treatment of phantom pain

11:30-12:00 - KEYNOTE SPEECH: OSKAR ASZMANN

- **Keynote speech:** “title pending”

12:00-1:00 - LUNCH/EXHIBITS

1:00-1:50 - OSSEOINTEGRATION

- Keynote: Advances of osseointegration in limb amputations Prof. Jason Shih Hoellwarth
- Osteoplastic approach for mangled extremity 林口長庚創傷骨科 周應照主任
- Osseointegration in lower limb amputations Prof. Jason Shih Hoellwarth
- Panel discussion

2:00-3:00 - JSRM/KSM/TSRM JOINT SESSION II

- JSRM (20min)
- KSM (20min)
- TSRM 謝式洲理事長或杜元坤院長 (20min)

3:10-4:10 - ADVANCEMENT IN BIONIC LIMBS AND TECHNOLOGY

- **How everything began?**
Startup experience by Prof.Paul Cederna and Prof.Oskar Aszmann
- Current advancement in prosthesis and neuromachinery/brain-computer interface
- Artificial intelligence
- 廠商presentation for update of bionic limbs(可能韓國義肢廠商)

3:10 - CLOSING SESSIONS

- Awards
- Wrap-up

TSRM/JSRM/KSM JOINT SESSION

FREE PAPER SESSION