JSUOG (ISUOG approved)Ultrasound Advanced Training Course 2023
September 2nd and 3rd , 2023

Congress site; CRIFM PMC
(Dr. Pooh's Clinic)

Symposium
Round Table Discussion
Live Demonstration
Hands-on (all participants)
Transvaginal Neurosono Hands-on
OPUS training

Mamoru Tanaka
President of JSUOG,
Keio University
(Japan)

Liona Poon
Chinese University of
Hong Kong,
(Hong Kong)

Ritsuko K. Pooh
Vice President of JSUOG,
CRIFM PMC
(Japan)

Hye-Sung Won
Asan Medical University
(Korea, Online)

Rabih Chaoui
Center for Prenatal Diagnosis
and Human Genetics
(Germany, Online)

Eran Hadar
Maternal-Fetal Medicine Rabin
Medical Center
(Israel, Online)

Shigehito Yamada
Kyoto University
(Japan)

Maki Sugimoto
Teikyo University Okinaga
Research Institute
(Japan, Online)

Jaime Arenas
Medicina materno fetal
en Oyg LTDA,
(Colombia, Online)

Yoichi Matsubara
National Center for Child
Health and Development
(Japan)

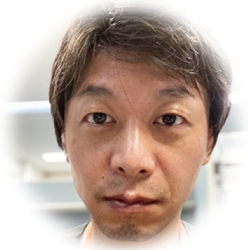
Noriko Miyake
National Center for Global
Health and Medicine
(Japan)

Tomoyuki Ichida
Shinjuku Station South Exit Ladies Clinic (Japan)

Kiyotake Ichizuka
Showa University (Japan)

Noboru Inamura
Kinki University (Japan)

Masayuki Endo
Osaka University (Japan)



Katsusuke Ozawa
National Center for Child Health and Development (Japan)

Osamu Shimokawa
Ritz Medical Co. Ltd. (Japan)

Yuichiro Takahashi
Gifu Prefectural General Medical Center (Japan)

Mayumi Tokunaka
Showa University (Japan)

Katsuhiko Naruse
Dokkyo Medical University (Japan)

Nobuhiko Hayashi
FMF Tokyo-Bay Makuhari (Japan)

Ryu Matsuoka
Showa University (Japan)

Nana Matsuzawa
Juntendo University (Japan)

Takeshi Murakoshi
Seirei Hamamatsu General Hospital (Japan)

Satoshi Yasukochi
Aizawa Hospital (Japan)

Yuka Yamamoto
Juntendo University (Japan)

Jun Yoshimatsu
National Cerebral and Cardiovascular Center (Japan)

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Program

Day 1 : Saturday 2nd September 2023

E : English J : Japanese

08:00	Opening remark — Mamoru Tanaka (Japan)
08:10-10:10 J	**Session : First Trimester** — Chair : Masayuki Endo (Japan) 1st trimester anomaly scan — Katsusuke Ozawa (Japan) 1st trimester aneuploidy screening — Tomoyuki Ichida (Japan) 1st trimester preeclampsia screening — Mayumi Tokunaka (Japan) **Session : Fetal CNS** — Chair : Takeshi Murakoshi (Japan) CNS neuro embryology and brain anatomy — Nobuhiko Hayashi (Japan) Trans-abdominal neurosonography — Kiyotake Ichizuka (Japan) Trans-vaginal neurosonography — Nana Matsuzawa (Japan) **Session : Genetics** — Chair : Nana Matsuzawa (Japan) Chromosomal Abnormalities & CNV (copy number variation) — Osamu Shimokawa (Japan) Mutation detection with next-generation sequencer — Yoichi Matsubara (Japan)
English Course	
10:25 E	English Course Opening — Ritsuko K. Pooh (Japan)
10:30-11:30 E	**Special Lecture** — Chair : Katsuhiko Naruse (Japan) Aneuploidies Screening: Past, Present and Future — Liona Poon (Hong Kong)
11:30-12:45 E	**Educational Lectures (Neurosonography)** — Chair : Yuichiro Takahashi (Japan) / Ryu Matsuoka (Japan) CNS Embryology and Anatomy — Shigehito Yamada (Japan) Clinical Neurosonography: What we must learn from normal and abnormal brain during fetal life — Ritsuko K. Pooh (Japan)
12:55-13:25	Let's Go! ISUOG Seoul (October 15-19, 2023)

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Day 1 : Saturday 2nd September 2023

E : English

13:30-14:30 E

Live Scan
First trimester, PE Screening and CNS (Transvaginal/Transabdominal)

Chair ; Masayoshi Endo

Liona Poon (Hong Kong) / Ritsuko K. Pooh (Japan)

14:30-16:30 E

Hands-on Session
Onsite Only

Discussant
Katsuhiko Naruse / Takeshi Murakoshi / Ryu Matsuoka / Masayuki Endo / Yuichiro Takahashi

OPUS simulation
Instructor
Jaime Arenas

FTS
Liona Poon, Mayumi Tokunaka, Nobuhiko Hayashi

Cardiac
Satoshi Yasukochi, Noboru Inamura, Yuka Yamamoto

Neuro:TV/TA
Ritsuko K. Pooh, Kiyotake Ichizuka, Nana Matsuzawa

17:00-20:00 E

Special Symposium
ULTRASOUND MEETS GENETICS
Chair; Yoichi Matsubara (Japan), Takeshi Murakoshi (Japan)

Biological considerations around cfDNA testing results and interpretation
Liona Poon (Hong Kong)

Brain Findings in Non-CNS Syndromes
Rabih Chaoui (Germany)

Cortical abnormality and Gene variant
Ritsuko K. Pooh (Japan)

Genotype-Phenotype correlation in human monogenic diseases
Noriko Miyake (Japan)

Rare Case Reports by Young investigators

1. A case of FLNA related periventricular nodule heterotopia
   Lulu, Lo Wong, (Hong Kong)
2. A rare case of de novo ROBO1 homozygous variant with maternal UPD of chromosome 3
   Nana Matsuzawa (Japan)
3. A case of left ventricular noncompaction cardiomyopathy and corpus callosum dysgenesis(NONO mutation)
   Caitlyn So Ling Lau, (Hong Kong)

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Day 2 : Sunday 3rd September 2023

E : English

08:00-08:45 E	Review, Discussion on FTS, Brain, Genetics
8:45-10:00 E	**Educational Lectures (Fetal Heart)** Chair; Jun Yoshimatsu (Japan), Yuichiro Takahashi (Japan) What are the causes for fetal cardiomegaly: Differential diagnosis and timing of delivery — Yuka Yamamoto (Japan) Foramen ovale and ductus arteriosus of TGA type I from the perspective of fetal hemodynamics — Noboru Inamura (Japan) Fetal diagnosis of total anomalous pulmonary venous connection: Can this be diagnosed and How to manage after birth beside surgery - feasibility for stenting? — Satoshi Yasukochi (Japan)
10:00-10:40 E	**Special Lecture** Chair ; Yuka Yamamoto (Japan) Overriding Aorta; From Just VSD to Pulmonary Atresia with Ventricular Septal Defect (PA-VSD) — Hye-Sung Won (Korea)
10:45-11:30 E	**Live Scan** Chair; Yuka Yamamoto (Japan) Satoshi Yasukochi (Japan)
11:50-12:30 E	**Luncheon Lecture** Chair ; Ryu Matsuoka (Japan) Fetal heart movement, analysis with slow-motion clip — Jun Yoshimatsu (Japan)

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Day 2 : Sunday 3rd September 2023

E : English

12:45-14:45 E	**Hands-on Session** (Onsite Only) Discussant Katsuhiko Naruse / Takeshi Murakoshi / Ryu Matsuoka / Masayuki Endo / Yuichiro Takahashi **OPUS simulation** Instructor Jaime Arenas **FTS** Liona Poon, Mayumi Tokunaka, Nobuhiko Hayashi **Cardiac** Satoshi Yasukochi, Noboru Inamura, Yuka Yamamoto **Neuro:TV/TA** Ritsuko K. Pooh, Kiyotake Ichizuka, Nana Matsuzawa
15:00-17:00 E	**Special Roundtable Discussion** **"FUTURE of MEDICAL IMAGING"** Chair : Jun Yoshimatsu (Japan), Ritsuko K. Pooh (Japan) Discussants : Liona Poon (Hong Kong), Ryu Matsuoka (Japan) Transforming Medicine through VR and the Metaverse — Maki Sugimoto (Japan) Benefits of optical simulation in acquiring obstetric ultrasound skill — Jaime Arenas (Colombia) Home Ultrasound; Revolutionizing antenatal management — Eran Hadar (Israel)
17:00	Closing remark — Ritsuko K. Pooh (Japan)

September 2-3, 2023

Language ; English (only one Jap. Session)

Onsite; Limited to only 60 participants
Online; Limitless

Registration HERE!!

https://jsuog.org/en/