

ISFRI 2025

14th Congress of International Society
of Forensic Radiology and Imaging



2025
Fukui/Japan

Goodtimes together

May 15 [Thu] - 17 [Sat], 2025

Venue: Fukui International Activities Plaza

[\(https://www.f-i-a.or.jp/ja/plaza/foreign-language/\)](https://www.f-i-a.or.jp/ja/plaza/foreign-language/)

President: Hideki Hyodoh MD, PhD

University of Fukui, School of Medical Sciences, Department of Forensic Medicine

ISFRI | International Society of
Forensic Radiology and Imaging

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ISFRI | International Society of Forensic Radiology and Imaging

14th Congress of International Society of
Forensic Radiology and Imaging

Goodtimes Together

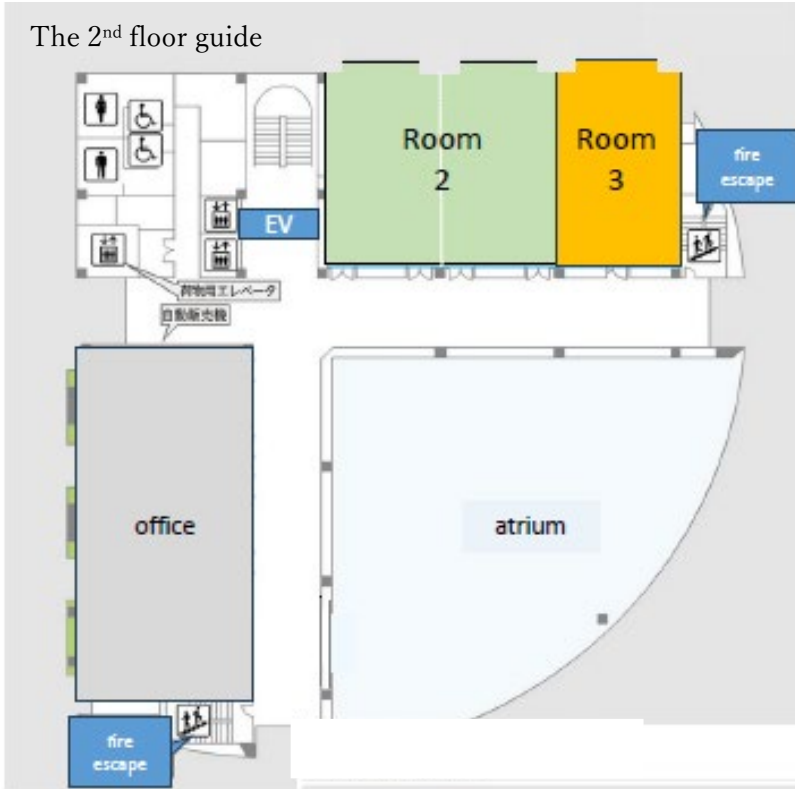
annual meeting chair	Hideki Hyodoh, M.D., Ph.D. Professor and Chairman, Department of Forensic Medicine University of Fukui School of Medical Sciences
Period	May 14 (Wed.) - 17 (Sat.), 2025
Venue	Fukui International Activities Plaza 3-1-1 Horai, Fukui-city, Fukui, 910-0004, Japan TEL: +81-776-28-8800
Secretariat	The 14th Congress of International Society of Forensic Radiology and Imaging Department of Forensic Medicine University of Fukui School of Medical Sciences 23-3 Matsuokashimoaizuki, Eiheiji-cho, Yoshida-gun, Fukui 910-1193, Japan TEL: +81-776-61-3111 e-mail: isfri2025@gmail.com

Meeting Operation



Fukui Prefecture International Exchange Hall
910-0004, 3-1-1 Hoei, Fukui-shi, Fukui, Japan
Phone: +81-776-28-8800

The 2nd floor guide



The 3rd floor guide



Room 1 (3rd floor)

Room 2 (2nd floor)

Room 3 (2nd floor) poster presentation

2025/5/14 (Wed)

13:00

Venue preparation

15:00 poster display area open

17:00

close venue

18 : 00-20 : 00

board meeting (venue to be announced separately)

Room 1 (3rd floor)

Room 2 (2nd floor)

Room 3 (2nd floor) poster presentation

2025/5/14 (Wed)

13:00 Venue preparation

15:00 poster display area open

17:00 close venue

18 : 00-20 : 00 board meeting (venue to be announced separately)

2025/5/15 (Thu)

8 : 30- Open registration (3rd floor)

9 : 00- 9 : 10 Opening remarks Hideki Hyodoh 9:00 satellite 9:00 poster exhibition

Plenary session

9 : 10-10 : 10 Gil Brogdon Honorary Lecture Moderator: Hideki Hyodoh

HL-01 My Experience and Involvement in Postmortem Imaging

Seiji Shiotani

10 : 15-11 : 15 Plenary Lecture Moderator: Fabrice Dedouit

PL-01 Forensic anthropology using CT in Japan

Suguru Torimitsu

11 : 20-11 : 50 Designated lecture Moderator: Michael Thal

DL-01 Retinal haemorrhage (Terson syndrome) in fatal SAH using PMCT: A retrospective study.

Muhammad Alshirawi

DL-02 What a colorful world!

Shogo Shimbashi

12 : 00-12 : 45 Luncheon Lecture Moderator: Hideki Hyodoh

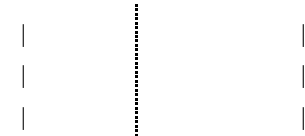
LL-01 Dinosaur Research in the Digital Age

Soichiro Kawabe

Excursion

13:00 bus transfer
13 : 40-15 : 40 Fukui Prefectural Dinosaur Museum
16:00 bus transfer
17:00-18:40 Social gathering (cocktail) ESHIKOTO
20:00 end of the 1st day

16:00 end of the 1st day



Room 1 (3rd floor)

Room 2 (2nd floor)

Room 3 (2nd floor) poster presentation

2023/5/16 (Fri)	Title		Title	Speaker	
8 : 30-			Open registration (3rd floor)		
9 : 00- 9 : 40	Platinum partner session PPS Forensic Radiology Group	Moderator: Jamie Elifritz Christian B. Chahine			9 : 00 poster exhibition (all day)
9 : 50-11 : 40	symposium 1: Current status of forensic radiology education in countries	Moderator: Yohsuke Makino, undetermined SY-01 Yohsuke Makino SY-02 Jamie Eliflitz SY-03 Chris O'Donnell SY-04 Wolf Schweitzer SY-05 Raksachai Nathongchai SY-06 Jin-Haeng Heo	9 : 50-10 : 40 Anthropology Moderator: Chiara Villa, Suguru Torimitsu SP-01-01 Yuan Li SP-01-02 Raghendra Kumar Vidua SP-01-03 Despoina E Flouri SP-01-04 Katherine D Van Schaik SP-01-05 Mary Mani		
			10 : 50-12 : 00 SP-02 PMCT/PMMR Technique: Moderator: Summer Decker, Wataru Gono SP-02-01 Kasper Hansen SP-02-02 Maju Kumari SP-02-03 Mária Marosi SP-02-04 Kasper Hansen SP-02-05 Nanaka Igari SP-02-06 Micki Panda Bjørn Pengcheng Ji SP-02-07 Tomoaki Yamamoto		
12 : 00-13: : 0			lunch on MISSION in POSSIBLE !?		
			(room 1 satellite viewing)		
13 : 30-14 : 20	sub-committee meeting	DVI guideline anthropology	13 : 30-14 : 20 sub-committee meeting	education image acquisition pediatric imaging,	
14 : 40-15 : 40	Symposium 2: Current status of personal identification of corpses using images	Moderator: Chris O'Donnell, Morio Iino SY-08 Chris O'Donnell	14 : 30-15 : 50 PMCT/PMMR Diagnosis-1 Moderator: Bernadette de Bakker, Hideki Hyodoh SP-03-01 Dan Moss SP-03-02 Niranjan Sahoo		

SY-09
SY-10

Maiko Yoshida
Hans de Boer

SP-03-03
SP-03-04
SP-03-05
SP-03-06
SP-03-07
SP-03-08

Gokul. G
Pawan Kumar
Dennis Vinther
Wolf Schweitzer
Yoko Kihara
Michiel Krols

16 : 00-17 : 00 **ISFRI general assembly**

Thomas Rudar, Summer Decker, Bernadette de Bakker,
Jamie Elifritz, Chris O'Donnell, Michael Thali, Fox
Marttinen, Hideki Hyodoh

17:00

meeting room closed

on foot (20min) Stroll around the ruins of Fukui Castle

gara dinner

18 : 00-20 : 00

The GranYours Fukui

end of the 2nd day

Room 1 (3rd floor)

Room 2 (2nd floor)

Room 3 (2nd floor) poster presentation

2023/5/17 (Sat)

8 : 30-

Open registration (3rd floor)

9 : 00-10 : 00	PMCT/PMMR Diagnosis-2 Moderator: Yanko Kolef, Jamie Elifritz	09 : 00- 09 : 50	DVI Moderator: Hans de Boer, Maiko Yoshida	9:00	poster exhibition
SP-04-01	Chris O'Donnell	SP-06-01	Sara Tangmose Larsen		
SP-04-02	Motoo Yoshimiya	SP-06-02	Jonathan M. Ford		
SP-04-03	Daunipaia Slong	SP-06-03	Melanie Timmerman		
SP-04-04	Swati Tyagi	SP-06-04	Hideko Fujimoto		
SP-04-05	Balaji D	SP-06-05	Maiko Yoshida		
SP-04-06	Daniel Docter				
10 : 10-11 : 10	PMCT/PMMR Diagnosis-3 Moderator: Krzysztof Woźniak, Wataru Fukumoto	10 : 00-11 : 20	Artificial Intelligence/Computer Science Moderator: Natalie Adolphy, Naoya Takahashi		
SP-05-01	Nick Laan	SP-07-01	Akos Dobay		
SP-05-02	Nadia Solomon	SP-07-02	Lienka Perold		
SP-05-03	Aleksandra Borowska-Solonyanko	SP-07-03	Angi M. Christensen		
SP-05-04	Amar Jyoti Patowary	SP-07-04	Victoria Prokopowicz		
SP-05-05	Raksachai Nathongchai	SP-07-05	Akos Dobay		
SP-05-06	Nadia Solomon	SP-07-06	Yohsuke Makino	11:00	poster exhibition closed
		SP-07-07	Haruki Fukuda		
		SP-07-08	Sören Kottner		
11 : 30-12 : 00	closing ceremony The Dr.Patricia Flach ISFRI Prize Ceremony Greetings	11:30	room 2 closed		

12:00

meeting adjourn



Welcome to ISFRI 2025
Goodtimes Together

Hideki Hyodoh MD, PhD
Chair of ISFRI annual meeting
Professor and Chairman
Department of Forensic Medicine
University of Fukui School of Medical Sciences



I am pleased to announce that the 14th Congress of the International Society of Forensic Radiology and Imaging (ISFRI) is scheduled to take place from May 15th (Thursday) to May 17th (Saturday) in 2025 at the Fukui International Activities Plaza. Following the web-based annual meeting of the 11th Congress of ISFRI, we are now returning to an on-site event with renewed enthusiasm for the second time in Japan. We express our sincere gratitude to all the members who have recommended and supported us, and it is truly an honor for us to host this exceptional event.

In this congress, various research findings from diverse fields will be presented. We aim to contribute to the further enhancement of the daily tasks of the participants by providing a platform for the dissemination of knowledge. Particularly noteworthy is the anticipated lecture by Dr. Shiotani, a renowned forensic radiologist representing Japan, covering fundamental knowledge to the latest insights in postmortem imaging. We look forward to the enlightening discourse.

On the first day, as part of the lunch on lecture, Dr. Kawabe, an expert in paleontology, will present research on dinosaur fossils. Following his presentation, an excursion visit to the Fukui Prefectural Dinosaur Museum is planned, allowing members to interact with actual dinosaur fossils and partake in an engaging exploration. On the second and third days, ample time and space will be allocated for discussions, including specialized sessions, providing an opportunity for in-depth discussion.

We are confident that this annual meeting in Fukui will be a crucial milestone for the future development of ISFRI, bringing together and **GOODTIMES TOGHER** participants from around the world. We eagerly await the participation of many distinguished individuals!



Highlights and Features of ISFRI 2025

1. Plenary session

1) Gil Brogdon Honorary Lecture

Please have Dr. Seiji Shiotani, one of the pioneers of postmortem imaging in Japan, present on the topic 'My Experience and Involvement in Postmortem Imaging.' He will explain the early days of postmortem imaging in Japan up to the present and provide guidance for the future. Please join us for the plenary session following the opening ceremony on the first day.

2) Plenary lecture

Please have Dr Suguru Torimitsu, who is actively researching in forensic anthropology, present on the topic 'Forensic Anthropology Using CT in Japan.' He will introduce insights from anthropological studies based on various human body structures observed through postmortem imaging, and provide guidance on the future utilization of postmortem imaging. Please join us for the Plenary Lecture following the Gil Brogdon Honorary Lecture on the first day.

2. Poster presentation

At conferences, participants sometimes feel disappointed by the short discussion times. To address this, we have provided a web presentation opportunity for all presentations. Here, presenters can fully showcase their research using formats like MP4. Additionally, posters will feature QR codes to enable interactive presentations and facilitate direct exchanges of ideas among a large audience. They will be exhibited from the first day to the last day.

3. Participants

The ISFRI annual meeting this year is made possible by the generous support of our sponsors, allowing participation at approximately 2/3 the usual cost. Particularly, lead presenters (for oral presentations, posters, and case presentations) can enjoy even lower rates. Additionally, we offer a special discount program for non-members who have not previously attended ISFRI, providing them the opportunity to experience their first ISFRI at a reduced rate (prior membership registration is required). Don't miss this opportunity to present your research findings to a world-wide audience. Abstract submissions are open from August 2024 to October 2024, and acceptance notifications are scheduled for January 2025.



4. Enjoying Fukui Prefecture

1) Lunch-On Lecture

In Fukui Prefecture, dinosaur fossils have been excavated, and it is home to Japan's only dinosaur department. Dr. Soichiro Kawabe, a leading researcher in dinosaur fossil CT studies, will introduce the current state and detailed research of digital analysis in dinosaur studies. Please join us for the Lunch-On Lecture on the first day.

2) Excursion

We will visit the Fukui Prefectural Dinosaur Museum, one of the world's top three dinosaur museums. After the Lunch-On Lecture, we will travel by bus to experience numerous valuable fossils. This will be a tour following the lecture, promising a memorable and engaging experience that will leave a lasting impression on you. Please prepare your Excursion & Cocktail Party ticket (limited to the first 200 participants).

3) Sake Culture

Fukui Prefecture is famous as a rice-producing region, known for producing premium sake made from rice, which is a pride of the world. Particularly at ESHIKOTO, a concept rooted in 200 years of sake brewing, fostering love for nature, local community, and people. ESHIKOTO has become a place where people gather and enjoy various aspects of life. When read in reverse, it spells 'TOKOSHIE,' meaning eternity in Japanese. It will be the final destination of the Excursion. Please prepare your Excursion & Cocktail Party ticket (limited to the first 200 participants). (non-alcohol drink is also available.)



Congress Organization

Chair Hideki Hyodoh

Program Committee

Yohsuke Makino	Naoya Takahashi
Seiji Shiotani	Masanori Ishida
Rutsuko Yamaguchi	Wataru Gono
Maiko Yoshida	Wataru Fukumoto
Go Shirota	Tomoya Kobayashi
Haruki Fukuda	Norihiro Shinkawa
Masatoshi Kojima	Shogo Shimbashi
Motoo Yoshimiya	



Meeting Information

Title: 14th Congress of the International Society of Forensic Radiology and Imaging

Date: May 14th (Wednesday) – 17th (Saturday), 2025 (3 days)

Chair: Hideki Hyodoh, Professor, Department of Forensic Medicine, University of Fukui Medical Sciences

Venue: Fukui International Activities Plaza Address: 3-1-1 Horai, Fukui-city, Fukui, 910-0004, Japan

TEL: +81-776-28-8800

A. Registration

1. Please register online on the website of the annual meeting.

On-site registration is not available.

Please complete your online registration before participating in the on-site meeting.

2. Please ensure to pay the participation fee.
3. Early bird registration requires payment to be completed by February 28, 2025.

If no payment is made within the period, your registration will not be completed and will be treated as cancelled.

4. Registration open hours:

May 15th (Thurs) 8:30-16:00

May 16th (Fri) 8:30-17:00

May 17th (Sat) 8:30-10:00

Place of registration desk: Fukui International Activities Plaza, 2nd floor.

After confirmation of your registration, you will receive congress bag, name card, and congress goods.

5. Registration fee:

Category	presentation	conference early birds (deadline February 28th 2025)	conference regular (After March 1st 2025)
ISFRI/IAFR member	Yes	¥30,000	¥40,000
	No	¥40,000	¥50,000
New ISFRI member (candidate)*	Yes	¥35,000	¥45,000
	No	¥45,000	¥55,000
non member	Yes	¥50,000	¥60,000
	No	¥60,000	¥70,000
student	Yes	¥5,000	¥5,000
	No	¥15,000	¥15,000
accompanying person**		¥5,000	¥5,000
Excursion & Cocktail party ***		¥10,000	¥10,000
Gala Dinner ****		¥15,000	¥15,000

registration fee; included enter conference venue, conference goods, lunch, coffee break

* prior ISFRI membership registration document required (<https://www.isfri.org/membership>)

** Must be accompanied by a full registration person, for participants who use bus chairs (free of charge for children with lap holding), required pre-registration

*** Includes bus to Dinosaur Museum, admission to Dinosaur Museum, cocktail party at Eshikoto (capacity 200 people)

**** Must be full registration person and accompanying person



It varies depending on the type of participation and the time of payment completion. New ISFRI members need to have completed their membership application separately.

B. Lunch on lecture

The lunch on lecture (and Tourist Information) will be held on May 15th & 16th. The lunch boxes will be distributed at the **meeting room 1** (3rd floor). After lining up to receive them, you can enjoy your meal at the room 1 (or the room 2). A satellite viewing will be held at the room 2.

C. Excursion (Please purchase your tickets in advance.)

After the Lunch on Lecture on the first day of the conference, buses will depart for the excursion from the front of the congress venue. Participants are to board the assigned buses in advance. Please present your name card to the staff and follow their instructions to board. The bus ride will take approximately 40 minutes. Please use the restroom in advance. During the ride, admission tickets to the Dinosaur Museum and other materials will be distributed, so please do not forget to take them. When disembarking, you will take the same bus to the cocktail party venue, but please manage your valuables yourself. The bus is scheduled to depart at 16:00. Feel free to explore the museum, but make sure to return in time for the departure.

D. ESHIKOTO (cocktail party) (Please purchase your tickets in advance.)

A cocktail party is scheduled to be held from 17:00 to 19:30. When disembarking, you will take the same bus back to the venue and Fukui Station, so please manage your valuables yourself. The bus is scheduled to depart at 19:30. Please board the bus in time for the departure.

If you only admit the cocktail party, you have to take a ride by yourself.

E. Nursery

There will be no nursery provided at the conference.

F. Diversity and wheelchair seats for audience

The venue is accessible by elevator, but if you need assistance, please inform us at registration. Please note that we do not have specialized staff available.

G. Information for oral presenter and moderators

- ① Please come to the presentation room by 15 minutes before your session starts.
- ② Please copy your presentation data to the PC prepared at the podium prior to your presentation. The copied data will be responsibly deleted by the organizing committee.
- ③ Please note that there will be no announcement for introduction of moderators in



the annual meeting.

- ④ Each general session includes 7 min presentation and 3 min discussion.
- ⑤ The moderators will be responsible for the proceedings, so please ensure to adhere to the presentation time limit.

H. Viewing of web presentation

General presentations, educational exhibitions, poster presentation, and case presentation are registered in mp4 submission system. To avoid overcrowding, no area for mp4 data viewing will be prepared in the venue. Please access the mp4 presentation for you own PC or tablet via the Internet.

Office during the meeting

Fukui International Activities Plaza, 3rd floor.

ISFRI 2025 committee

Department of Legal Medicine, University of Fukui School of Medical Sciences

23-3, Matsuokashimoaizuki, eiheiji-cho, Yoshida-gun, Fukui 910-1193 JAPAN

Phone: 0776-61-3111

E-mail: isfri2025@gmail.com



I

Outline



14th Congress of International Society of Forensic Radiology and Imaging

Board meeting May 14 (Wed) 18:00 - (Kaikatei)

Opening Remarks May 15 (Thu) 09:00 – 09:10 (Room 1, 3rd floor)

1. Opening Act

2. Greeting Hideki Hyodoh 14th ISFRI congress Chair

Plenary Session

Gil Brogdon Honorary Lecture May 15 (Thu) 09:10 – 10:10 (Room 1, 3rd floor)

Moderator: Hideki Hyodoh

My Experience and Involvement in Postmortem Imaging

Seiji Shiotani

Plenary Lecture May 15 (Thu) 10:15 – 11:15 (Room1, 3rd floor)

Moderator: Fabrice Dedouit

Forensic Anthropology using CT in Japan

Suguru Torimitsu

Designated Lectures May 15 (Thu) 11:20 – 11:50 (Room1, 3rd floor)

Moderator: Michael Thali

Retinal haemorrhage (Terson syndrome) in fatal SAH using PMCT:

A retrospective study.

Muhammad Alshirawi

What a colorful world!

Shogo Shimbashi

Lunch on Lecture

May 15 (Thu) 12:00 – 12:50 (Room1, 3rd floor), Satellite (Room 2, 2nd floor)

Moderator: Hideki Hyodoh

Dinosaur Research in the Digital Age

Soichiro Kawabe



Platinum Partner Session: Forensic Radiology Group

May 16 (Fri) 09:00 – 09:40 (Room1, 3rd floor)

Moderator: Jamie Elifritz

Forensic Radiology Group

Christian B. Chahine

Symposium 1

May16 (Fri) 09:50 – 11:40 (Room 1, 3rd floor)

The Demand and Supply of Forensic Imaging Education in Various Countries

Moderator: Yohsuke Makino, undetermined

Keynote lecture: Education of the forensic radiology for forensic pathologists and radiologists

Yohsuke Makino

Education in the United States

Jamie Elifritz

Education in Australia

Chris O'Donnell

Education in Swiss

Wolf Schweitzer

Education in Thailand

Raksachai Nathongchai

Education in Korea

Jin-Haeng Heo

Sub-Committee Meeting

May16 (Fri) 13:30 – 14:50

DVI, Guideline, Anthropology (Room 1, 3rd floor)

Education, Image Acquisition, Pediatric Imaging (Room 2, 2nd floor)

Symposium 2

May16 (Fri) 14:40 – 15:40 (Room 1, 3rd floor)

Current status of personal identification of corpses using images

Moderator: Chris O'Donnell, Morio Iino

Use of PMCT in mass disaster identification in Australia

Chris O'Donnell

Use of PMCT in mass disaster identification in Japan

Maiko Yoshida

Radiology In DVI: Implications of the most recent INTERPOL DVI Guide **Hans de Boer**



ISFRI general assembly

May 16 (Fri) 16:00 – 17:00 (Room 1, 3rd floor)

Board: Thomas Ruder, Summer Decker, Bernadette de Bakker, Jamie Elifritz,
Chris O'Donnell, Michael Thali, Fox Marttinen, Hideki Hyodoh

Excursion and Cocktail Party

May 15 (Thu) 13:00 – 20:00

13:00 bus depart in front of meeting venue at 1st floor
13:40 – 15:40 Fukui Prefectural Dinosaur Museum
17:00 – 18:40 Cocktail Party at Eshikoto
19:00 bus depart from Eshikoto to Fukui station

Gala Dinner

May 16 (Fri) 18:00 – 20:00

18:00 – 20:00 Gran Yours Fukui

Closing Ceremony

May 17 (Sat) 11:30 - 12:00 (Room 1, 3rd floor)

1. The Dr. Patricia Flach ISFRI Prize Ceremony

2. Greetings

Thomas Ruder	ISFRI President
Hideki Hyodoh	14 th ISFRI Congress Chair
Yanko Kolev	15 th ISFRI Congress Chair



Scientific Presentation

SP-01 Anthropology

May 16 (Fri) 09:50 – 10:40 (Room 2, 2nd floor)

Moderator: Chiara Villa, Suguru Torimitsu

- SP-01-1 Neural Boneprint: Person Identification from Bones using Generative Contrastive Deep Learning **Yuan Li**
- SP-01-2 Estimating Age, Stature, and Determining Sex Using Radiographic Parameters of Cervical Vertebrae via Digital X-Ray Imaging in Autopsy Cases **Raghvendra Kumar Vidua**
- SP-01-3 Bone Radiomics for age at death estimation: Does image preprocessing matter? **Despoina E Flouri**
- SP-01-4 Unveiling the Past to Inform the Future: Investigating the Role of Skeletal Trauma in Osteoporosis through Analysis of Femoral Samples from Historical and Modern Postmortem Cohorts **Katherine D Van Schaik**
- SP-01-5 Effects of water and other filters on fracture resolution in industrial micro-CT scanning **Mary Mani**

SP-02 PMCT/PMMR Technique

May 16 (Fri) 10:50 – 12:00 (Room 2, 2nd floor)

Moderator: Summer Decker, Wataru Gono

- SP-02-1 Our first year with an in-house “forensic” micro-CT system **Kasper Hansen**
- SP-02-2 To study and compare findings of unenhanced CT scan, Postmortem CT angiography, and traditional autopsy in suspected sudden natural deaths due to cardiac and pulmonary pathology **Manju Kumari**
- SP-02-3 Evaluation of Contrast to Noise Ratio in Gemstone Spectral Imaging CT Scans of the Head in Cases of Lodged Projectiles **Mária Marosi**
- SP-02-4 Tile-Imaging; Improving the spatial resolution of “large-FOV’s” in (post mortem) Computed Tomography **Kasper Hansen**
- SP-02-5 Study of the optimal imaging dose in pediatric abdominal post-mortem computed tomography using a pediatric phantom **Nanaka Igari**
- SP-02-6 Evaluating PMCT derived Left Ventricular Circumferential Area Measurements for Heart Weight Estimation in Forensic Pathology **Micki Panda Bjørn Pengcheng Ji**
- SP-02-7 Feasibility of assessing the relationship between cerebral nerve imaging and cerebropathy using postmortem diffusion tensor tractography **Tomoaki**



Yamamoto

SP-03 PMCT/PMMR Diagnosis1

May 16 (Fri) 14:30 – 15:50 (Room 2, 2nd floor)

Moderator: Bernadette de Bakker, Hideki Hyodoh

- SP-03-1 Airway (mis)management – CT diagnosis and a chance to feedback to first responders **Dan Moss**
- SP-03-2 Unveiling Lung Pathology: Correlating Radiological Imaging and Autopsy Findings **Niranjan Sahoo**
- SP-03-3 Ground Glass Opacities in Postmortem CT Imaging: Enhancing Differentiation of Lividity and Pulmonary Oedema **Gokul. G**
- SP-03-4 Role of PMCT as a Virtual Autopsy tool in Hemopericardium cases **Pawan Kumar**
- SP-03-5 Low bone mineral density increases the risk of multiple intrathoracic fractures during cardiopulmonary resuscitation **Dennis Vinther**
- SP-03-6 Forensic imaging reading time: percentage of missed findings in relation to reading time of trauma PMCT in participants of a certificate course in Forensic Imaging **Wolf Schweitzer**
- SP-03-7 Utility and limitations of postmortem computed tomography in diagnosis of injuries in animal abuse suspected cases: A case series study of cats **Yuko Kihara**
- SP-03-8 Conventional and spectral computed tomography as tools to reveal the secrets of precious museum pieces **Michiel Krols**

SP-04 PMCT/PMMR Diagnosis2

May 17 (Sat) 09:00 – 10:00 (Room 1, 3rd floor)

Moderator: Yanko Kolev, Jamie Elifritz

- SP-04-1 Blood in the eyes: PMCT and Terson syndrome. Implications for our understanding of retinal haemorrhage **Chris O'Donnell**
- SP-04-2 Postmortem changes in the eye on Computed tomography images **Motoo Yoshimiya**
- SP-04-3 A comparative study between conventional autopsy and Post mortem Computed Tomography (PMCT) in hanging cases **Daunipaia Slong**
- SP-04-4 Evaluating Stab Wound Fatalities: A Comparative Study of Postmortem CT and Traditional Autopsy Methods **Swati Tyagi**
- SP-04-5 Comparative analysis of Traditional autopsy & Post-Mortem Computed Tomography in trauma detection: Insights from 100 Fall from Height cases **Balaji D**



SP-04-6 State of the art in High Resolution Computed Tomography **Daniel Docter**

SP-05 PMCT/PMMR Diagnosis3

May 17 (Sat) 10:10 – 11:10 (Room 1, 3rd floor)

Moderator: Krzysztof Woźniak, Wataru Fukumoto

SP-05-1 Standardizing Forensic Radiology **Nick Laan**

SP-05-2 The role of imaging in the investigation of non-accidental trauma **Nadia Solomon**

SP-05-3 Fractures of the sphenoid sinus and posterior wall of the maxillary sinus – an assessment of their frequency and significance for forensic medical opinions

Aleksandra Borowska-Solonyanko

SP-05-4 Craniofacial injury – comparison of findings of Virtual Autopsy with conventional autopsy **Amar Jyoti Patowary**

SP-05-5 A Post Mortem CT Approach to Discriminate Between Suicidal and Homicidal Gunshot Injuries to the Head **Raksachai Nathongchai**

SP-05-6 Identifying a Role for Postmortem MRI in the Investigation of Fatalities Involving Suspected Head Trauma **Nadia Solomon**

SP-06 DVI

May 17 (Sat) 09:00 – 09:50 (Room 2, 2nd floor)

Moderator: Hans de Boer, Maiko Yoshida

SP-06-1 Age estimation in deceased adolescents using a combination of PMCT scans of the knee and the clavicle **Sara Tangmose Larsen**

SP-06-2 Evaluating Sidedness in 3D CT-Derived Models for Disaster Victim Identification (DVI) **Jonathan M. Ford**

SP-06-3 Exploring Micro-CT as a Novel Approach for Postmortem Fingerprint Identification in Forensic Science **Melanie Timmerman**

SP-06-4 A method for personal identification using artificial intelligence (AI) based on pixel values of teeth in 2D images **Hideko Fujimoto**

SP-06-5 Use of postmortem computed tomography in identification of the bodies: Japanese current situation and our challenges **Maiko Yoshida**

SP-07 Artificial Intelligence / Computer Science,

May 17 (Sat) 10:00 – 11:20 (Room 2, 2nd floor)

Moderator: Natalie Adolphy, Naoya Takahashi

SP-07-1 Potential use of deep learning techniques in postmortem imaging: status and prospects **Akos Dobay**

SP-07-2 Revealing Hidden Scars: Using Infrared Photography to Uncover Soft Tissue



Injuries in Vigilante Deaths **Lienke Perold**

- SP-07-3 Radiologic imaging properties of various gemstones **Angi M. Christensen**
- SP-07-4 Are open source programs and artificial intelligence the way for individual identification of the near future? - a pilot study based on the hyoid bone **Victoria Prokopowicz**
- SP-07-5 Automating Postmortem Computed Tomography Analysis Using Deep Learning: Enhancing Forensic Investigations **Akos Dobay**
- SP-07-6 Forensic utility of detecting bone marrow edema by postmortem CT using photon counting detector with MRI comparison **Yohsuke Makino**
- SP-07-7 Neural Radiance Fields as a Complementary Method to Photogrammetry for Forensic 3D Documentation: Initial Comparative Insights **Haruki Fukuda**
- SP-07-8 Automated Optical 3D Post-Mortem Documentation Combined with CT Imaging **Sören Kottner**

For Visitors Touring the Tea Room



On the third floor, we will open the tea ceremony room will be held for participants to view. Panels will provide an introduction to the etiquette of the tea ceremony. From the point where the flooring changes to wooden boards, shoes are prohibited. Visitors wishing to tour the interior are kindly asked to

remove your footwear

before entering.

Additionally, please refrain from stepping onto the tatami mats.





Poster Presentation

Anthropology

- PP-01 Machine learning approaches for sex estimation based on cranial angles **Silviya Nikolova**
- PP-02 An automated landmark method to describe geometric changes in the human mandible during growth **Géromine Fournier**
- PP-03 Population affinity estimation using pelvic measurements based on computed tomographic data acquired from Japanese and Western Australian populations **Suguru Torimitsu**
- PP-04 Sex differences in size and shape of os coxae: a geometric morphometric study **Dora Zlatareva**
- PP-05 Estimation of population affinity using proximal femoral measurements based on computed tomographic images in the Japanese and Western Australian populations **Suguru Torimitsu**
- PP-06 Machine Learning-Assisted Age Estimation from Costal Cartilage Ossification: A 3D PMCT Study in a Japanese Population **Tawachai Monum**
- PP-07 Chronology of radial and ulnar distal epiphysis ossification **Venkatesh Maled**
- PP-08 Efficacy of Cadaveric Height Measurements from PMCT images to Determine Stature in a New Mexico Forensic Sample **Esteban Rangel**
- PP-09 Is Bone Density Calibration Possible in NMDID? **Natalie L. Adolphi**
- PP-10 A study of taphonomic bone color in soil using RGB analysis **Jetniphit Srisinghasongkram**
- PP-11 Diagnostic accuracy of conventional postmortem digital X-rays in forensic cases **Amit Maruti Patil**
- PP-12 Forensic 3D Printing: sometimes useful, always interesting. **Mike Biggs**
- PP-13 "Free-D" software: blow your mind, not your budget. **Mike Biggs**

Diagnosis

- PP-14 Fluid in the nasal sinuses - a comparative study **Rasmus Möllby**
- PP-15 The Complete Postmortem Imaging Findings of Drowning: A Systematic Review **Wataru Gono**
- PP-16 Comparison of Postmortem Computerized Tomography and Standard Autopsy in Determining Cause of Death in Injury-Related Fatalities **Kiratika Likkachai**



- PP-17 Forensic investigation of Trauma-related delayed deaths: The role of unenhanced PMCT **Elena F. Kranioti**
- PP-18 Postmortem changes in pancreatic volume and attenuation on computed tomography **Terumi Umeda**
- PP-19 Autolytic changes observed using Post Mortem Computed Tomography across seasons in India **Kishanth S**
- PP-20 Distinguishing cardiac gas embolism from postmortem lesions based on gas presence in various anatomical locations **Artur Moskala**
- PP-21 Non-traumatic hemopericardium - diagnostic accuracy of unenhanced PMCT **Christina Jacobsen**
- PP-22 Automatic Estimation of Body Weight and Height from Scout View of Postmortem CT Using Deep Learning **Jin-Haeng Heo**
- PP-23 Beyond the limits of space: can four-dimensional (4D) imaging emerge as a valuable diagnostic tool in postmortem forensic pathology? **Edda Emanuela Guareschi**
- PP-24 Benchmarking of active 3D surface scanning and comparison to traditional photographic documentation in forensic application **Kristin Schreiner**
- PP-25 Indirect scapula fracture as a potential sign of the role as a driver during traffic accident **Krzysztof Woźniak**
- PP-26 Diagnostic Utility of Post-mortem Computed tomography (PMCT) in Road Traffic Accidents cases **Aditya Pratap Singh Chauhan**
- PP-27 When a medicolegal institute has his own CT: what happens? What is expected? **Fabrice Dedouit**
- PP-28 Educational topic: Forensic imaging for screening and documentation: practical PMCT experience over more than 3000 cases **Wolf Schweitzer**
- PP-29 Postmortem CT artifacts and its reduction strategies **Balaji D**

DVI/Personal Identification

- PP-30 A trial of basic forensic radiology training in medical education **Morio Iino**
- PP-31 Better Together: How Radiologic Pathologic Synergy Elevates Accuracy Through Collaborative Insight **P Paola M. Luna García**
- PP-32 Trends in postmortem imaging cases and roles of radiological technologists at Tsukuba Medical Examiner's Office: Effective assistance for forensic pathologists **Kazuya Tashiro**
- PP-33 Addressing the Legal Challenges: A Crucial Step for the Efficient Use of Advanced Postmortem Radiological Techniques in India **Amit Maruti Patil**



Miscellaneous

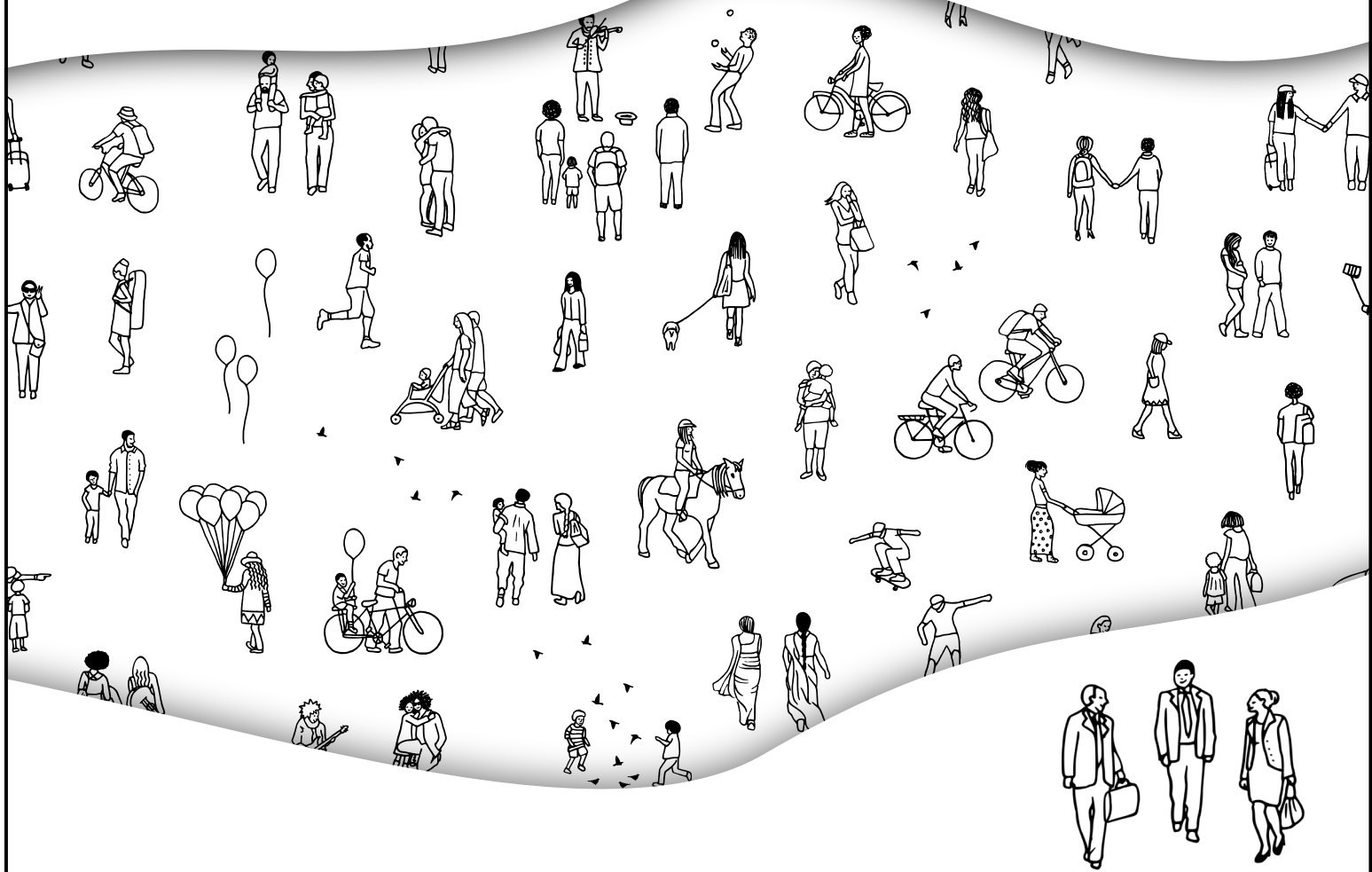
- PP-34 withdrawn
- PP-35 Role of Virtual Autopsy and PMCT angiography in diagnosis on Sudden Cardiac deaths **Abhishek Yadav**
- PP-36 Diagnosing the “vampire” of Pien: A multidisciplinary study of a 17th century human skeleton **Heather Edgar**
- PP-37 Multifaceted Applications of CT imaging: from textile research to paleontology and veterinary sciences **Chiara Villa**
- PP-38 Putting Our Heads Together: Forensic Pathology and Forensic Radiology **Priya Banjerjee**
- PP-39 Usefulness of a checklist for identifying findings in pediatric PMCT. **Naoya Takahashi**
- PP-40 Development of a method for calculating cardiac volume in children using postmortem CT and examination of postmortem changes **Kano Kogo**

Case Presentation

- CP-01 Characteristic findings of chest PMCT on three stillbirths **Hikaru Kuninaka**
- CP-02 Infant PMCT Pitfalls: Misleading tales of Pneumothoraces **Janette Verster**
- CP-03 A case in which postmortem 3DCT fracture assessment was useful for fall location estimation. **Akiko Takeuchi**
- CP-04 The value of 3D CT reconstructions in a case of abusive head trauma **Nadia Solomon**
- CP-05 Plan B: Role of critical Thinking and Alertness in Crime Investigation **Yogesh Kumar**
- CP-06 Reconstruction of a weapon based on CT imaging **Emily Marie Ungermann**
- CP-07 The Added Value of PMCT in Homicide Investigations **Jamie Elifritz**
- CP-08 Skeleton in a suitcase: A case report highlighting the utility of PMCT in diagnosing homicidal gunshot in a decomposed body **Pooja Gupta**
- CP-09 Tracing the Path from Antemortem Diagnosis of Hepatocellular Carcinoma to Postmortem Findings Following Radiofrequency Ablation with Histopathological Correlation **Tweatsani Numfon**
- CP-10 A case of a mummified corpse suspected of drug poisoning on postmortem imaging **Shigeki Jin**
- CP-11 A case of suspected delayed traumatic intracerebral hematoma **Akira Hayakawa**
- CP-12 Availability of antemortem head computed tomography scout views for personal identification: a report of two cases **Maki Ohtani**



- CP-13 Delayed Diagnosis of Spinal Subdural Hematoma Resulting in Intraoperative Sudden Death **Shutaro Nagano**
- CP-14 A case in which neck retroversion at postmortem CT imaging was useful in detecting cervical spine injury **Kotaro Matoba**
- CP-15 A case of identifying the site of fatal bleeding using contrast-enhanced CT during autopsy **Takayuki Kiuchi**
- CP-16 Photon Counting CT in Postmortem Cerebral CT Angiography for Suspected Vascular Injury After Fall **Tweatsani Numfon**
- CP-17 Utilization of PMCT in a case of fatal in-situ knife stab wound. **Balaji D**
- CP-18 Postmortem endoscopy in combination with PMCT for a cardiac stab wound **Yuki Nakabayashi**
- CP-19 Diagnosing a Case of Myocardial bridging using Postmortem CT Angiography **Abhishek Yadav**
- CP-20 Postmortem CT imaging in six autopsy cases of cardiovascular injury **Chisato Hamada**
- CP-21 Usefulness of 3D Reconstruction Imaging in Understanding Acute Aortic Dissection Pathogenesis Extending to the Coronary Artery: A Case Report **Miki Tozuka**



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