



HMDP Visiting Experts FY23

OFFICIAL PROGRAMMENote:

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EXPERT NAME

CURTIS LANGLOTZ

START DATE

25 March 2024

END DATE

30 March 2024

SPECIALTY/TITLE OF PROGRAMME

RADIOLOGY

HOSTING INSTITUTION

Sengkang General Hospital

| DATE AND DAY | TIME | ACTIVITIES | Training Objectives | NTP* (YES/NO) | VENUE AND CAPACITY | NAME AND EMAIL OF COORDINATOR |
|---------------------------|-------|---|---------------------------------------|---------------|--------------------|-------------------------------|
| 25 March 2024 (Monday) | 1410H | Arrive in Singapore and Check in to Hotel | Grand Copthorne Millennium Waterfront | | | Prof Steven Wong Bak Siew |
| | 1900H | Dinner | | | | Prof Steven Wong Bak Siew |

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| 26 March 2024 (Tuesday) | 0830-0930H | Meeting with Division Chair and Head of Dept at Sengkang General Hospital, Dept of Radiology | Provide an outline of the Radiology Dept. Discuss on potential avenues for collaboration. | No | Sengkang General Hospital Radiology Meeting room | Prof Steven Wong Bak Siew Dr Parag R Salkade |
| | 0930-1030H | SKH Dept of Radiology Tour, Hospital Tour Meeting with CMB SKGH | Review of Department Resource and capacity for AI development. Discussion with SKH Senior Leadership on AI & Innovation setup and management. | No | Sengkang General Hospital Dept of Radiology | Dr Cheryl Lim Hui Shan, Prof Steven Wong Bak Siew |
| | 1030-1100H | Coffee break | | No | | |
| | 1100-1200H | Meeting with Chest, cardiac and Body Radiologists | Discussion of current issues facing the subspecialty and education endeavour. Discussion on the use of AI in daily work | No | Sengkang General Hospital Conference Room, Capacity (20) | Dr Sandeep Halagatti Venkatesh, Dr Srujana Ganti, Dr Syed Aftab |
| | 1200-1330H | Lecture: Pitfalls and Challenges for AI in Radiology and Large Language Models in Medicine | To educate department Radiologists on the use of AI in Radiology and what are the current issues. | No | Sengkang General Hospital Conference Room, Capacity (40) | Dr Cheryl Lim Hui Shan, Prof Steven Wong Bak Siew IT issues: Victor Cheong, Michael (DoR IT team) |
| | 1330-1445H | Lunch and transfer to SGH | | No | | Prof Steven Wong Bak Siew |
| | 1445-1600H | Meeting with SGH RadSc Division Chair and Dept of Radiology Head of Departments | Introduce SGH Radiology Division and Capability. Establish research and educational collaborations and links. | No | TBA | Prof Andrew Tan Gee Seng, Dr Robert Chen, Dr Chan Lai Peng, Dr Lionel Cheng, Dr Tran Nguyen Tuan Anh |
| | 1600-1630H | Tea break | | No | | Dr Tran Nguyen Tuan Anh |
| | 1630-1800H | Meeting with SGH Imaging Informatics Team | Discussion on Imaging Informatics and EMR architecture at Stanford U MC Research Informatics link at Stanford U | No | TBA | Dr Lim Kheng Choon, Dr Tran Nguyen Tuan Anh, Danny Foooh |

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| | 1800H-end of day | Rest, Dinner with SKH and SGH Radiologists | | No | TBA | Prof Steven Wong Back Siew |

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| 27 March 2024 (Wed) | 0830-0930H | Tour of NUH Department of Diagnostic Imaging | To showcase Dept capability and resource. | No | TBA | Dr Andrew Makmur |
| | 0930-1030H | NUH Radiology AI and HOD meeting | Explore avenues for future collaboration and links. | No | TBA | Dr Andrew Makmur |
| | 1030-1200H | NUHS AIO/Tech office tour and meeting | Discuss on Healthcare/Radiology AI uses and implementation. Explore Avenues for collaboration. | No | TBA | Dr Andrew Makmur |
| | 1200-1300H | Lecture: AI in Radiology - Challenges | Introduce why Radiology AI still have adoption challenges. | No | NUH Radiology Conference Room | Dr Andrew Makmur |
| | 1300-1400H | Lunch and transfers to TTSH | | No | | Dr Andrew Makmur/Dr Alvin Soon |
| | 1400-1530H | Lecture: 1. Future of AI in Radiology 2. Pitfalls and Challenges for AI in Radiology and Large Language Models in Medicine | Introduce why Radiology AI still have adoption challenges. | No | Department of Radiology TTSH, Department Library | Dr Alvin Soon |
| | 1530-1615H | Dialogue with TTSH AI Special Interest Group | Discuss on Healthcare/Radiology AI uses and implementation. Explore Avenues for collaboration. | No | Department of Radiology TTSH, Department Library | Dr Alvin Soon |
| | 1615-1745H | Tour of Centre of Healthcare Innovation (CHI), Tan Tock Seng Hospital | Discuss and share information on the Objectives and Initiatives of an Innovation Centre. | No | CHI | Dr Alvin Soon Prof Tan Cher Heng |
| | 1800H-end of day | Rest, Dinner with NUH/TTSH | | | TBA | Dr Andrew Makmur/Dr Alvin Soon |

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| 28 March 2024 (Thur) | 0830-1230H | Visit to MOH – meetings with Future Systems & Innovation and Health Regulation | Discuss use of LLM / Gen AI for clinical radiology, with short demo on AIMSG (medical imaging platform); discuss Stanford HAI's research and regulation of health AI and emerging technologies. | No | TBA | Ms Linda Chow |
| | 1230-1330H | Lunch with MOH | | No | TBA | Ms Linda Chow |
| | 1330-1430H | Meeting with SGH/SHS Hospital Leadership / SHS AI office | Discuss on Healthcare/Radiology AI uses and implementation. Explore Avenues for collaboration. | No | TBA | Dr Tran Nguyen Tuan Anh |
| | 1430-1530H | Meeting with SGH AI research team | Discuss difference in research between Stanford Uni MC/AIMI and SGH. | No | TBA | Dr Tran Nguyen Tuan Anh |
| | 1530-1600H | Tea break and rest | | No | | Dr Tran Nguyen Tuan Anh |
| | 1600-1800H | Lecture to radiology residents: 1. The future of AI in Radiology; 2. How to Create High-Quality Radiology Reports | Introduce why Radiology AI still have adoption challenges. | Yes | TBA | Dr Ian Tay Wei Ming, Tan Jee Cheng |
| | 1900-end of day | Rest, Dinner with SingHealth RADSC ACP leadership | | No | TBA | Prof Steven Wong Bak Siew, Prof Andrew Tan Gee Seng |

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| 29 March 2024 (Fri) | 0900-1200H | Visit to SKH – Demonstration of AI Platform by SKH Radiology AI Team and Radiology Residents | Discussion on Radiology AI validation, testing and deployment matters with real-life scenarios | No | Sengkang General Hospital Dept of Radiology | Prof Steven Wong Bak Siew Dr Tan Min On |
| | 1200-1500H | Lunch Break/Half day Rest | | No | | |
| | 1500H-1700H | Roundtable Meeting with College of Radiologists Singapore (CRS) Leadership with participation by Singapore Radiological Society (SRS) Leadership | Discussion on Radiology Standards, Practices and Challenges. Explore increased links and collaboration between Singapore and USA Radiology | No | Academia, SGH Campus | Prof Andrew Tan (SGH) Prof Steven Wong Dr Charles Goh |
| | 1700-end of day | Free and easy, tour of Singapore | | No | | |

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| 30 March 2024 (Sat) | 0800-0830H | Breakfast | | No | Academia L1S1 (120 pax) | Dr Cheryl Lim Hui Shan, Dr Tran Nguyen Tuan Anh |
| | 0830-0910H | Lecture: Pitfalls and Challenges for AI in Radiology | Setting the Scene for Today's challenges in Radiology AI. | No | | |
| | 0910-0950H | Lecture : Creating a Scholarly Center for AI in Medicine | Showcase the Challenges and Factors encountered in Setting Up the Stanford University AIMI | No | | |
| | 0950-1000H | Tea Break | | No | | |
| | 1000-1030H | Sharing presentations from panel guests- challenges or vision or map of future from Singapore | Individual Panelist's view on Radiology AI in Singapore. | No | | |
| | 1030-1130H | Fireside chat + Q/Q + Appreciation token | Panel discussion on major AI talking points, from adoption to Governance to ethics. | No | | |
| | 1130-1200H | Closing remarks, lunch and farewell | | No | | |
| | 1955H | Flight to San Francisco (SQ34) | | | | |

*NTP – National Training Programme