

# Guangdong-Hong Kong-Macao Greater Bay Area International Ultrasound Forum (GBIUS) & CoE China Program

Date: 01-02 June 2024

Address: Yuexiu International Congress Center, No. 119 Liuhua Road, Yuexiu District, Guangzhou  
(301: main venue, 205-305 branch venues)

<b>1 June Morning Session</b>				
Main venue (301)	Topic	Speaker	Institute	Moderator
8:30~9:00	Opening session	Opening Remark by the organizers		Yanling Zheng
9:00~9:30	Ultrasound AI: opportunities and challenges	Hairong Zheng	Shenzhen Institute of Advanced Technology	Mingde Lv Wenping Wang Haitao Ran Xiaoling Yu
9:30~10:00	Current status of CEUS application and research in China	Ping Liang	Chinese PLA General Hospital	
10:00~10:30	Role of CEUS in liver interventions	Franca Meloni	Casa di Cura Igea Italy	
10:30~11:00	Role of CEUS in paediatric diseases	Annamaria Deganello	King's College London	
10:50~11:00	Coffee break			
11:10~11:30	Ultrasound-mediated targeted delivery of nanomedicines	Xintao Shuai	Sun Yat-sen University	Baoming Luo Minghui Liu Jinfeng Xu Jie Ren
11:30~11:50	Innovation and translation of ultrasound contrast agents	Zhifei Dai	Peking University Third Hospital	
11:50~12:10	A multicentre study of ultrasound microbubble enhanced chemotherapy for pancreatic cancer	Kun Yan	Peking University Cancer Hospital	
12:10~13:00	Luncheon Symposium			
<b>1 June Afternoon Session</b>				
Branch venue 1 (305BC)	<b>Superficial Organ CEUS Forum 1</b> Chairman: Jia'an Zhu, Li Qiu Secretary: Yanling Zheng, Xiaoyun Xiao			

	<b>Topic</b>	<b>Speaker</b>	<b>Institute</b>	<b>Moderator</b>
13:30~13:50	Advances in the clinical application of musculoskeletal CEUS	Jia'an Zhu	Peking University People's Hospital	Hongmei Liu Hong Yang Xiansheng Zhu
13:50~14:10	Construction of an integrated programme for the diagnosis and treatment of rheumatoid arthritis	Li Qiu	West China Hospital	
14:10~14:30	The value of CEUS in the evaluation of the risk of rebleeding in hemophilic arthropathy	Yingjia Li	Nanfang Hospital, Southern Medical University	
14:30~14:50	Difficulties and advances in breast CEUS	Baoming Luo	Sun Yat-Sen Memorial Hospital	
14:50~15:10	The value of percutaneous sentinel lymph node CEUS for preoperative staging of early breast cancer	Qingli Zhu	Peking Union Medical College Hospital	
15:10~15:30	The typing and classification of percutaneous and intravenous CEUS in sentinel lymph nodes in breast cancer	Yanling Zheng	The First Affiliated Hospital of Sun Yat-sen University	
15:30~15:40	Discussion: Jun Huang, Ping Zhao			
15:40~15:50	Coffee break, symposium			
<b>Branch venue 2 (305BC)</b>	<b>Superficial Organ CEUS Forum 2</b> <b>Chairman: Jie Ren, Ping Zhou</b> <b>Secretary: Jinyu Liang, Bowen Zheng</b>			
	<b>Topic</b>	<b>Speaker</b>	<b>Institute</b>	<b>Moderator</b>
15:50~16:10	CEUS in interventional diagnosis and treatment in thyroid	Jie Ren	The Third Affiliated Hospital of Sun Yat-sen University	Ping Zhou Xiaohong Xu Jun Li (Macao)
16:10~16:30	Multifunctional ultrasound contrast agents in the diagnosis and treatment of tumours	Jie Li	Shandong University Qilu Hospital	

16:30~16:50	Progress in the application of CEUS in the diagnosis of metastatic superficial lymph nodes	Jianhua Zhou	Sun Yat-sen University Cancer Centre	
16:50~17:10	CEUS research of the sentinel lymph nodes in papillary thyroid cancer	Weiwei Zhan	Shanghai Ruijin Hospital	
17:10~17:30	CEUS and ultrasound navigation techniques for puncture biopsy of lesions located in parapharyngeal spaces	Guangliang Huang	The First Affiliated Hospital of Sun Yat-sen University	
17:30~17:40	Discussion: Jiagang Wang, Liwen Wu, Xiaoling Leng			
Branch venue 2 (305A)	<b>Ultrasound New Technology Development and Translation</b> <b>Chairman: Zheng Liu, Weibao Qiu</b> <b>Secretary: Ming Xu, Tinghui Yin</b>			
	<b>Topic</b>	<b>Speaker</b>	<b>Institute</b>	<b>Moderator</b>
13:30~13:50	Progress in the development of new ultrasound instruments	Weibao Qiu	Shenzhen Institute of Advanced Technology	<b>Li Qiu</b> <b>Shuzhen Cong</b> <b>Zhongzhen Su</b>
13:50~14:10	Miraculous ultrasound blood flow effect	Zheng Liu	Xinqiao Hospital of Army Medical University	
14:10~14:30	Acoustic modulation of the physicochemical microenvironment of solid tumours	Jianhua Liu	Guangzhou First People's Hospital	
14:30~14:50	Super-resolution ultrasound imaging	Jianqiao Zhou	Shanghai Ruijin Hospital	
14:50~15:10	New modal imaging techniques based on ultrafast platforms for clinical applications	Chaonan Chen	Chinese PLA General Hospital	
15:10~15:30	Accurate assessment of liver fibrosis based on ultrasound molecular imaging of hepatic sinusoidal capillarisation	Tinghui Yin	The Third Affiliated Hospital of Sun Yat-sen University	

15:30~15:40	Discussion: Xiaoqing Pei, Ping Wang			
15:40~15:50	Coffee break			
Branch venue 2 (305A)	<b>Research Frontiers in Targeted CEUS</b> <b>Chairman: Haitao Ran, Fei Yan</b> <b>Secretary: Chunyang Zhang, Bin Qiao</b>			
	<b>Topic</b>	<b>Speaker</b>	<b>Institute</b>	<b>Moderator</b>
15:50~16:10	Multifunctional nanoprobe-based tumour visualisation for therapeutic treatment	Haitao Ran	The Second Affiliated Hospital of Chongqing Medical University	Jianhua Liu Guoqing Du Desheng Sun
16:10~16:30	Innovations and research advances in targeted ultrasound contrast agents	Fei Yan	Shenzhen Institute of Advanced Technology	
16:30~16:50	Study of the synergistic effect of sonodynamic therapy on tumour immunotherapy	Chunyang Zhang	The First Affiliated Hospital of Sun Yat-sen University	
16:50~17:10	Nanomedicine-enhanced focused ultrasound for the treatment of tumours	Xiaojun Cai	Shanghai Sixth People's Hospital	
17:10~17:30	Biological effects of ultrasound to overcome the biological barrier in solid tumours	Weiguo Wang	The Second Affiliated Hospital Zhejiang University	
17:30~17:50	Ultrasound-enhanced tumour immunotherapy system	Xiaolong Liang	Peking University Third Hospital	
17:50~18:10	Study on ultrasound molecular imaging-guided tumour thermal ablation therapy	Bin Qiao	The First Affiliated Hospital of Sun Yat-sen University	
18:10~18:20	Discussion: Yan Chen, Yanni He, Nan Zhang			

Branch venue 3 (205BC)	<b>Abdominal CEUS Forum 1</b> <b>Chairman: Huixiong Xu, Jie Yu</b> <b>Secretary: Zuofeng Xu, Manxia Lin</b>			
	Topic	Speaker	Institute	Moderator
13:10~13:30	Clinical value of liver CEUS	Hyo-jin Kang	Seoul National University	Yan Luo Hong Ding Heng Zhang
13:30~13:50	AI diagnosis of gallbladder masses	Huixiong Xu	Zhongshan Hospital	
13:50~14:10	CEUS diagnosis of local recurrence of ablated hepatocellular carcinoma	Jie Yu	Chinese PLA General Hospital	
14:10~14:30	Ultrasound diagnosis of lymphoproliferative diseases of the liver	Hong Ding	Huashan Hospital of Fudan University	
14:30~14:50	Comparison of CEUS and MRI for prediction of malignancy risk in hepatocellular carcinoma	Qiang Lu	West China Hospital	
14:50~15:10	CEUS diagnosis of PEComa and other rare liver tumours	Manxia Lin	The First Affiliated Hospital of Sun Yat-sen University	
15:10~15:30	Research on high-frame-frequency CEUS of gallbladder lesions	Xiang Fei	Chinese PLA General Hospital	
15:30~15:40	Discussion: Yan Cai, Zuofeng Xu			
15:40~15:50	Coffee break, symposium			
Branch venue 3 (205BC)	<b>Abdominal CEUS Forum 2</b> <b>Chairman: Lianfang Du, Yaqing Chen</b> <b>Secretary: Kai Li, Bowen Zhuang</b>			
	Topic	Speaker	Institute	Moderator
15:50~16:10	CEUS differentiation of cystic lesions of the pancreas	Ming Xu	The First Affiliated Hospital of Sun Yat-sen	Qing Tang Xiaozhen Liu Guangjian Liu

			University	
16:10~16:30	Value of percutaneous ultrasound-guided liquid-based cytology in the diagnosis of pancreatic tumours	Ke Lv	Peking Union Medical College Hospital	
16:30~16:50	Discussion of several key issues on ultrasound-guided pancreatic biopsy	Bowen Zhuang	The First Affiliated Hospital of Sun Yat-sen University	
16:50~17:10	Research and progress of prostate CEUS	Yaqing Chen	Xinhua Hospital Affiliated to Shanghai Jiao Tong University	
17:10~17:30	CEUS diagnosis of renal tumours	Lianfang Du	Shanghai General Hospital	
17:30~17:50	CEUS diagnosis of tumours of the renal pelvis	Songsong Wu	Fujian Provincial Hospital	
18:50~18:10	Discussion: Honghuan Zhang, Yuqing Chen, Yuxia Zhai			
Branch venue 4 (205A)	<b>Super New Star——Elite Management Training Course</b> <b>Chairman: Ping Liang, Hong Chen</b> <b>Secretary: Guangjian Liu, Erjiao Xu, Yangyang Lei</b>			
	<b>Topic</b>	<b>Speaker</b>	<b>Institute</b>	<b>Moderator</b>
13:30~13:40	Opening Speech	Ping Liang	Chairman of Ultrasound Division of Chinese Medical Association	Li Qiu Guangjian Liu
13:40~14:05	A costing study of ultrasound diagnosis of focal liver lesions based on a hospital management perspective	Yan Wei	Fudan University	

14:05~14:30	Innovation and practice of hospital management with high-quality development	Ming Kuang	The First Affiliated Hospital of Sun Yat-sen University	
14:30~14:40	Discussion			
14:40~15:50	Coffee break			
14:50~15:15	New thinking on the construction and development of ultrasound discipline in the DRG era	Xiaoyan Xie	The First Affiliated Hospital of Sun Yat-sen University	Xinwu Cui Weijun Huang Erjiao Xu
15:15~15:40	Standardised management in the DRG/DIP era helps to improve the quality of ultrasound departments	Hong Yang	The First Affiliated Hospital of Guangxi Medical University	
15:40~16:05	Management and design of clinical research in ultrasound department	Jie Yu	Chinese PLA General Hospital	
16:05~16:15	Discussion			
16:15~17:05	MDT expert interviews: Mingde Lv, Xiaoyan Xie, Huixiong Xu, Jie Yu, Jie Ren, Hong Yang, Medical Insurance Department, Yan Wei			Yanling Zheng
17:05~17:15	Summary			Xiaoyan Xie
<b>2 June Morning Session</b>				
Branch venue 1 (305BC)	AI and quantitative analysis of CEUS Chairman: Tian'an Jiang, Kun Wang Secretary: Wei Wang, Xiaoqing Pei, Hangtong Hu			
	<b>Topic</b>	<b>Speaker</b>	<b>Institute</b>	<b>Moderator</b>
8:00~8:25	Developments and difficulties of AI analysis of ultrasound images	Kun Wang	Chinese Academy of Sciences	Bo Zhang Jinyu Liang Xiaoqing Pei
8:25~8:50	Prediction of the effectiveness of chemotherapy in breast cancer	Tian'an Jiang	The Second Affiliated Hospital of Zhejiang University	

			School of Medicine	
8:50~9:15	AI study of the differential diagnosis of lymph nodes	Fang Nie	The Second Hospital of Lanzhou University	
9:15~9:35	AI study on the differential diagnosis of benign and malignant thyroid nodules	Wei Wang	The First Affiliated Hospital of Sun Yat-sen University	
9:35~9:55	Multimodal photoacoustic/ultrasound based research idea	Fajin Dong	Shenzhen People's Hospital	
9:55~10:10	Discussion: Dayou Wei, Xinbao Zhao, Jianxin Zhang			
10:10~10:20	Coffee break			
10:20~10:40	Advances in Quantitative Analysis of CEUS	Christian Greis	Italy	
10:40~11:00	Prediction of BRAF gene mutations by quantitative analysis of perfusion imaging of thyroid microcarcinoma	Bo Zhang	China-Japan Friendship Hospital	
11:00~11:20	Application of CEUS in the management of interventional ablation of liver metastases	Wen Luo	Xijing Hospital of Air Force Military Medical University	Fang Nie
11:20~11:40	CEUS quantitative analysis in the assessment of activity of Crohn's disease	Yujun Chen	The First Affiliated Hospital of Sun Yat-sen University	Wen Luo
11:40~12:00	The value of preoperative assessment of pathological features of invasive breast cancer by CEUS	Qiao Hu	The People's Hospital of Guangxi Zhuang Autonomous Region	Xiaohua Xie
12:00~12:10	Discussion: Weixiang Liang, Xi Lin, Baoxian Liu			



Branch venue 2 (205BC)	<b>WFUMB CoE China: CEUS</b> <b>Chairman: Ping Liang, Xiaoyan Xie</b> <b>Secretary: Jinyu Liang, Shaoyun Hao, Xiao'er Zhang</b>			
	Topic	Speaker	Institute	Moderator
8:00~8:20	<b>Hands-on demonstration of liver and breast CEUS</b>	<b>Maria Franca Meloni</b>	<b>Casa di Cura Igea Italy</b>	<b>Jinyu Liang</b> <b>Shaoyun Hao</b> <b>Karen Wan</b> <b>(Hong Kong)</b>
8:20~8:30	<b>Discussion: Hong Yang, Guangjian Liu</b>			
8:30~8:50	<b>Hands-on demonstration of breast CEUS</b>	<b>Yanling Zheng</b>	<b>The First Affiliated Hospital of Sun Yat-sen University</b>	
8:50~9:00	<b>Discussion: Baoming Luo, Qingli Zhu</b>			
9:00~9:30	<b>Quality control and analytical strategy in liver CEUS</b>	<b>Xiaoyan Xie</b>	<b>The First Affiliated Hospital of Sun Yat-sen University</b>	
9:30~10:00	<b>Quality control and analytical strategy in breast CEUS</b>	<b>Yanling Zheng</b>	<b>The First Affiliated Hospital of Sun Yat-sen University</b>	
10:00~10:10	<b>Coffee break</b>			
10:10~10:30	<b>Single-centre Report of allergic complications of CEUS</b>	<b>Xiao'er Zhang</b>	<b>The First Affiliated Hospital of Sun Yat-sen University</b>	<b>Xinling Zhang</b> <b>Xiao'er Zhang</b>
10:30~10:50	<b>Multicentre report of allergic complications of CEUS in China</b>	<b>Yanli Guo</b>	<b>The Southwest Hospital of AMU</b>	
10:50~11:20	<b>Emergency management of allergic complications of CEUS</b>	<b>Yili Chen</b>	<b>The First Affiliated Hospital of</b>	

			<b>Sun Yat-sen University</b>	
<b>11:20~11:50</b>	<b>Discussion: Xiaoling Yu, Xiaoyan Xie, Jie Ren, Yili Chen, Yangyang Lei, Yanli Guo</b>			<b>Manxia Lin</b>
<b>11:50~12:00</b>	<b>Summary</b>	<b>Xiaoyan Xie</b>	<b>The First Affiliated Hospital of Sun Yat-sen University</b>	<b>Yanling Zheng</b>