2024 年国际神经血管疾病学会学术大会

Annual Congress of the International Society for Neurovascular Disease on Brain diseases

会 议 日 程

Meeting Program

2024 年 10 月 25 日- 27 日

October 25 - 27, 2024

中国 郑州

Zheng Zhou, China

Chairman

E. Mark Haacke

Professor in the Department of Radiology and Department of Biomedical Engineering, Director of the Magnetic Resonance Research Center and Associate Dean of the School of Biomedical Engineering at Wayne State University, USA. He is one of the founders and past president of the International Society for Magnetic Resonance in Medicine (ISMRM), founder and past president of the International Society for Neurovascular Disease (ISNVD), recipient of the Gold Medal for Highest Achievement of the ISMRM and the ISNVD, and the inventor of the SWI and MRA sequences. His research areas in MR are: rapid imaging, vascular imaging, cardiovascular imaging, magnetic susceptibility imaging, magnetic susceptibility mapping for quantitative study of oxygen-saturated iron content in the brain, and high-resolution rapid imaging of brain ultrastructure. He has published more than 430 SCI articles with more than 40,000 citations, obtained 15 patents for technology applications, and the research team has received more than $28 million in grants over the past 30 years .

Chairman

Yulin Ge

Professor, Department of Radiology, Grossman School of Medicine, New York University. Past President of the International Society for Neurovascular Diseases (2019-2022). He is a Fellow of the American Institute for Medical and Biological Engineering (AIMBE). He has received several honors, including the Distinguished Fellowship of the American Research Institute of Radiology and Biomedical Imaging (ARBIR) and the Cornelius G. Dyke Memorial Award of the American Society of Neuroradiology. His research interests include the development and application of high-field MRI for quantitative measurements in various brain disorders, including multiple sclerosis, brain tumors, and Alzheimer's disease. He has chaired and participated in more than 20 grants funded by the National Institutes of Health (NIH). He has published more than 130 papers with more than 11,800 citations.

Executive Chairman

Meiyun Wang

Chief Physician, Professor, Postdoctoral Fellow in Harvard Medical School, Visiting Professor in Yale University. President of the International Society for Neurovascular Disease (ISNVD) 2022-2025, Vice-president of Henan Provincial People 's Hospital,Chair of Medical Imaging Institute and Medical Imaging Department of Henan Provincial People 's Hospital, Fellow to American Institute for Medical and Biological Engineering (AIMBE); Fellow to International Society for Magnetic Resonance in Medicine (ISMRM)，Board of Trustees，President of Psychiatric MR Spectroscopy & Imaging Study Group (2021-2022); President of Overseas Chinese Society for Magnetic Resonance in Medicine (OCSMRM) in 2020-2021 .Honorary Member of French Society of Radiology, Founder and President of the Society of Minimally and Non-invasive Diagnosis and Treatment of the Chinese Research Hospital Association, Director of International Exchange Group, Vice-director of the Neurology Group, Standing Committee, Chinese Society of Radiology (CSR), President of Henan Society of Radiology . Young and Middle-Aged Expert with Special Contribution of National Millions of Talent Project, State-Council Allowance obtained experts, National Outstanding Scientific and Technological Workers, Outstanding Individual in National Science and Technology System in fighting against the Covid-19 epidemic, Zhongyuan Scholar, Outstanding Expert of Henan Province and so on. Over 320 publications on journals including JAMA, Nature Genetics, Nature Medicine, Radiology, with total citation over 12000 times; chief-editor or co-editor of 10 books; given over 50 invited lectures at international scientific and educational meetings held by the world-class institutions such as Harvard Medical School and University of Cambridge . 18 research projects including International Cooperative Key Grants supported by National Natural Science Foundation of China, National Key R&D Program for Diagnostic Equipment and Biomedical Materials, National Key R&D Program for Intergovernmental Cooperation, Provincial or Ministry Level Project.

October 26 Morning Venue One			
08:00-08:30	**Opening Ceremony**		
08:30-9:45	Keynote Speech (Part 1) Venue One		
Moderators **Shaocheng Zhu (Henan Provincial People's Hospital)** **Jinrong Qu (Henan Cancer Hospital)**			
08:30-08:55	Advances in neurological applications of rapid, quantitative, multi-contrast imaging	E. Mark Haacke	Wayne State University
08:55-09:20	Hyperpolarized Metabolic MR: clinical translation	Jan Henrik Ardenkjær-Larsen	Technical University of Denmark
09:20-09:45	Cerebrovascular aging on 7T MRI	Yulin Ge	NYU Grossman School of Medicine
09:45-10:00	Tea Break		
10:00-11:40	Keynote Speech (Part 2) Venue One		
Moderators **Changhua Liang (The First Affiliated Hospital of Xinxiang Medical University)** **Shewei Dou (Henan Provincial People's Hospital)**			
10:00-10:25	The artificial intelligence imaging research of intracranial aneurysms	Longjiang Zhang	Eastern Theater Command General Hospital
10:25-10:50	The development map and computational model of human brain connectome for the human full life-cycle	Yong He	Beijing Normal University

10:50-11:15	Multimodal brain imaging in the neurodegenerative diseases	Jie Lu	Xuanwu Hospital Capital Medical University
11:15-11:40	Literature interpretation and scientific research based on triglyceride index	Shuang Xia	Tianjin First Central Hospital

October 26 Afternoon			
14:00-15:40	Academic Lecture (Part 1) Venue One		
Moderators Ruifang Yan (The First Affiliated Hospital of Xinxiang Medical University) Chunmiao Xu(Henan Cancer Hospital)			
14:00-14:25	Non-invasive precision treatment guided by multimodal images	Meiyun Wang	Henan Provincial People's Hospital
14:25-14:50	Microbiology-Gut-Brain axis and neurodegenerative diseases	Yongqiang Yu	The First Affiliated Hospital of AnHui Medical University
14:50-15:15	Demand-driven neuroimaging research	Qi Yang	Beijing Chao-yang Hospital,Capital Medical University
15:15-15:40	New advances in the treatment of intracranial artery stenosis with drug balloons	Yingkun He	Henan Provincial People's Hospital
15:40-15:50	Tea Break		
15:50-17:30	Academic Lecture (Part 2) Venue One		
Moderators Xuehua Yang(Zhengzhou Yihe Hospital) Qiaoge Guo（Zhengzhou Orthopaedic Hospital）			
15:50-16:15	Imaging techniques and applications of cerebral vessel walls	Peijun Wang	Tongji Hospital of Tongji University
16:15-16:40	Advances in Molecular Imaging for the Diagnosis of Neurodegenerative Diseases	Yihui Guan	Huashan Hospital, Fudan University

16:40-17:05	Chinese expert consensus on the examination and diagnosis of CT for coronary atherosclerotic disease	Xiaohu Li	The First Affiliated Hospital of AnHui Medical University
17:05-17:30	Post-stroke seizures and epilepsy	Xiong Han	Henan Provincial People's Hospital

October 26 Afternoon			
14:00-16:10	Academic Lecture (Part 1) Venue Two		
Moderators Changbo Li(Huaihe Hospital of Henan University) Weijun Qian(Kaifeng Central Hospital)			
14:00-14:25	Interdisciplinary Integration: Exploration in the Development of Medical Imaging Sciences	Shenghong Ju	Zhongda Hospital affiliated to Southeast University
14:25-14:50	Functional Magnetic Resonance Imaging (fMRI) for the Localization of Abnormal Brain Activity and Precision-guided TMS Treatment	Yufeng Zang	Hangzhou Normal University
14:50-15:15	Medical Imaging Interventional Materials Design and Clinical Application Research	Gang Liu	Xiamen University
15:15-15:40	Imaging of brain health in children and adolescents	Xinian Zuo	Beijing Normal University
15:40-15:50	Tea Break		
15:50-17:30	Academic Lecture (Part 2) Venue Two		
Moderators Hongna Tan (Henan Provincial People's Hospital) Xiaodong Li (Henan Provincial People's Hospital)			
15:50-16:15	The venous system in the dynamics of arterial (essential) hypertension. Computational study	Eleuterio Francisco Toro	University of Trento
16:15-16:40	Reduced OEF in deep cerebral veins as a predictor of cognitive decline in MS	Yongsheng Chen	Wayne State University

16:40-17:05	MRI Biomarkers in Aging Squirrel Monkeys: Interrelating R2* Mapping, Amyloidosis, Micro-hemorrhaging, White Hyperintensities in Congophilic Angiopathy	Youssef Zaim Wadghiri	New York University
17:05-17:30	Artificial Intelligence for rapid assessment of the jugular venous pulse	Alessandro Bertagnon	University of Ferrara

October 27 Morning

08:00-09:40	Academic Lecture (Part 1) Venue One		
Moderators Dapeng Shi (Henan Provincial People's Hospital) Yonggao Zhang (The First Affiliated Hospital of Zhengzhou University)			
08:00-08:25	Liver Cancer Imaging Facilitates Personalized Precision Treatment	Bin Song	West China Hospital, Sichuan University
08:25-08:50	Imaging Diagnostic Approach to Lymphangioleiomyomatosis	Huijie Jiang	The Second Affiliated Hospital of Harbin Medical University
08:50-09:15	Topological MRI Study of Lesion Distribution in Patients with Cerebral Infarction	Jing Zhang	Tianjin Medical University General Hospital
09:15-09:40	Clinical and Imaging Correlation for the Analysis of Diffuse Symmetric White Matter Lesions: Season Two	Guihua Jiang	Guangdong Second Provincial General Hospital
09:40-09:55	Tea Break		
09:55-12:00	Academic Lecture (Part 2) Venue One		
Moderators Jun Qiang (The First Affiliated Hospital of Henan University of Science and Technology) Zhijun Lin(Sanmenxia Central Hospital)			
09:55-10:20	Imaging Diagnosis of Monogenic Hereditary Tubulopathies of the Brain	Feng Feng	Peking Union Medical College Hospital
10:20-10:45	Nanoprobes and in vivo imaging	Mingyuan Gao	Soochow University
10:45-11:10	Optimization and application of head and neck ultra-high resolution photon CTA technology	Naying He	Ruijin Hospital, Shanghai Jiao Tong University School of Medicine

11:10-11:35	Computational and Neuroimaging Mechanisms of Cognitive Flexibility in Primates	Zheng Wang	Peking University
11:35-12:00	Intelligent Magnetic Resonance Neuroimaging	Qiyuan Tian	Tsinghua University