



The Neurological Society of Taiwan

中華民國神經放射線醫學會

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致各位敬愛的台灣神經外科醫學會會員，

我國很榮幸的獲世界神經放射線醫學聯盟選為第二十一屆世界神經放射線學術研討會及第十二屆亞太神經放射線醫學會(XXI Symposium Neuroradiologicum & 12th Asian Oceanian Congress of Neuroradiology 2018)主辦國，中華民國神經放射線醫學與台北榮民總醫院將於 2018 年 03 月 18 至 24 日 假 台北國際會議中心共同舉辦此盛大的會議。其中世界神經放射線學術研討會為四年一度的世界級大會，因而被比喻為神經放射學界的奧運會，會中預計將有超過 80 餘國近 1000 位神經放射線領域的專家學者來台參與。目前大會已經確認有逾 100 位世界級的專家將在會議中發表演講，其中許多是諸位耳熟能詳的大師及各位手上教科書的作者，如 Osborn, Barkovich, Raybaud, Suresh Mikherji, Robert Quencer, Robert Zimmerman and Meng Law 等等。在為期一週的會議中，涵蓋腦神經影像、介入神經血管內手術、小兒神經影像、脊椎影像及治療，還有頭頸部影像等主題。隨信已經附上與您的專業領域相關的演講主題及國際講者名單，若欲了解更完整的會議內容，請參考網頁：<http://www.snr2018.org/program/>

這是台灣第一次舉辦這個會議，也是 SNR 自 1939 年以來除了日本，唯一在亞洲舉辦的一次。藉著這個會議，不僅讓平時辛苦工作無暇出國進修的同好們藉此一次飽覽世界級大師的丰采，也可以讓自己的專業知識與世界有更緊密的接軌。在此誠摯的歡迎您，03 月 18 至 24 日，與我們一起在台北國際會議中心，讓自己的專業更上一層樓。

國內參加者報名網址：

<https://gisgroup.eventsair.com/xxi-snr-2018/registration/Site/Register>

中華民國神經放射線醫學會 敬上

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| ■理事長 陳震宇 醫師 | ■秘書長 謝立群 醫師 | ■副秘書長 陳威良 醫師 高鴻文 醫師 陳盟翔 醫師 | ■會訊編輯主委 林偉哲 醫師 | ■神經介入治療委員會主委 羅兆寶 醫師 | ■節目及教育委員會主委 李國維 醫師 |
| ■專科醫師甄審委員會主委 張豐基 醫師 | ■國際事務委員會主委 郭萬祐 醫師 | ■Deputy Editor-in-Chief, The Neuroradiology Journal 郭萬祐 醫師 | | | |

XXI SNR 2018 Grand List

| Track | Date | Time | Session Topic | Lecture Topic | Speaker | Nationality |
|-------|-------|--------|----------------------------------|---|-----------------|-------------|
| SF003 | 3月18日 | 15:30- | Neuroimage in | Application/ Contribution of EEG/ fMRI to Localize Interictal Epileptiform | Wen-Jui Kuo | Taiwan |
| SF003 | 3月18日 | 15:30- | Neuroimage in | Update of clinical neuroimaging in epilepsy. | Alex, Sheng- | Taiwan |
| SF003 | 3月18日 | 15:30- | Neuroimage in | When, why and how is MEG essential to diagnose epilepsy | Nobukazu Nak | Japan |
| SF003 | 3月18日 | 15:30- | Neuroimage in | Utility of 3D multimodality imaging in epilepsy surgery | Wen-Jing Zh | China |
| RE003 | 3月19日 | 08:00- | PET MR neuro- | PET MR Brain Applications | Gaurav Saigal | USA |
| SF006 | 3月19日 | 10:20- | Big Data to | Machine Learning and Radiological Clinical Decision Support (CDS) | Nick Bryan | USA |
| SF006 | 3月19日 | 10:20- | Big Data to | Deep Learning: An Introduction for Radiologists | Yvonne Lui | USA |
| SF006 | 3月19日 | 10:20- | Big Data to | Precision Medicine In Neuroimaging Perspective | Christopher H | USA |
| SF006 | 3月19日 | 10:20- | Big Data to | Artificial Intelligence and Maching Learning | Edward | Taiwan |
| SF007 | 3月19日 | 10:20- | Application of | Monitoring the Paths and Behavior Implanted Mesenchymal Stem Cells in | Jong-Kai Hsia | Taiwan |
| SF007 | 3月19日 | 10:20- | Application of | Surface Ligand Controlled Assembly of Functional Nanoparticles for Targeted | Dai-Shun Ling | China |
| SF007 | 3月19日 | 10:20- | Application of | Recent Advances in Cellular Neuroimaging | Jeff W.M. Bult | USA |
| SF010 | 3月19日 | 14:10- | Radiogenomics | Practical Radio-Genomics: Lessons Learnt from TCGA-TCIA and WHO Glioma | Rajan Jain | USA |
| SF010 | 3月19日 | 14:10- | Radiogenomics | Glioma Radiomics | Phillip Kicking | Germany |
| SF010 | 3月19日 | 14:10- | Radiogenomics | Towards Precision Medicine: Personalize Radiogenomics Analysis in | Sandy, | Taiwan |
| SF010 | 3月19日 | 14:10- | Radiogenomics | MRS Imaging of 2-Hydroxyglutarate in IDH-mutant Glioma Patients In Vivo | Changho Choi | USA |
| PC007 | 3月20日 | 11:20- | Management | Radiosurgery Perspective on Management of Non-Ruptured AVM | Bengt | Singapore |
| PC007 | 3月20日 | 11:20- | Management | Microsurgery Perspective on Management of Non-Ruptured AVM | Marcus Stood | Australia |
| PC007 | 3月20日 | 11:20- | Management | Management of Cerebral AVM in the Post-ARUBA Era | Donglei Song | China |
| SF013 | 3月20日 | 14:00- | Ageing and | Pathogenesis of Parkinson Disease: Something You Should not Miss | Yih-Ru Wu | Taiwan |
| SF013 | 3月20日 | 14:00- | Ageing and | Imaging Approaches to Parkinsonism | Eung-Yeop Kir | South Korea |
| SF013 | 3月20日 | 14:00- | Ageing and | Brain-Body Axis in Parkinson's Disease | Wei-Che Lin (| Taiwan |
| SF013 | 3月20日 | 14:00- | Ageing and | Longitudinal Brain Structural and Functional Network Changes in Ageing and | Juan (Helen) Z | Singapore |
| SF013 | 3月20日 | 14:00- | Ageing and | Diffusion Images to Explore Alzheimer's Disease | Toshiaki Taok | Japan |
| RE011 | 3月21日 | 08:00- | Clinical functio | Functional Brain Imaging Clinical Application | Alexandre Kra | France |
| RE011 | 3月21日 | 08:00- | Clinical functio | Functional Anatomy of the Cerebellum and the Brainstem: What the | Agarwal Nived | Italy |
| PC008 | 3月21日 | 11:20- | CNS | Brain as a Mirror of Hepato-bilary System Disorder | Wei-Che Lin (| Taiwan |
| PC008 | 3月21日 | 11:20- | CNS | CNS Manifestations of Metastatic Disease | Mauricio Cast | USA |
| PC008 | 3月21日 | 11:20- | CNS | Thoracic Manifestation of Neurological Diseases | Carol Wu | USA |
| SF016 | 3月21日 | 16:00- | Juniors Meet Juniors (tentative) | | Kentaro | Japan |

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|-------|-------|--------|----------------------------------|--|----------------|-----------------|
| SF016 | 3月21日 | 16:00- | Juniors Meet Juniors (tentative) | | Han-Jui Lee | Taiwan |
| SF016 | 3月21日 | 16:00- | Juniors Meet Juniors (tentative) | | Maiko Yoshida | Japan |
| SF016 | 3月21日 | 16:00- | Juniors Meet Juniors (tentative) | | Hajime Yokota | Japan |
| SF016 | 3月21日 | 16:00- | Junior Meets Junior (tentative) | | Sungsoo Ahn | South Korea |
| SF016 | 3月21日 | 16:00- | Junior Meets Junior (tentative) | | Leonard Sunw | South Korea |
| SF016 | 3月21日 | 16:00- | Juniors Meet Juniors (tentative) | | Hung-Chieh C | Taiwan |
| SF016 | 3月21日 | 16:00- | Juniors Meet Juniors (tentative) | | Hung-Wen Ka | Taiwan |
| SF017 | 3月21日 | 14:00- | Germ Cell | The surgical aspects of CNS germ cell tumors | Tai-Tong | Taiwan |
| SF017 | 3月21日 | 14:00- | Germ Cell | MR imaging characterization of germ cell tumors of the third ventricle in | Charles Rayba | Canada |
| SF017 | 3月21日 | 14:00- | Germ Cell | Imaging findings and outcomes of intracranial germ cell tumors | Feng-Chi | Taiwan |
| SF017 | 3月21日 | 14:00- | Germ Cell | Clinical topics of the primary CNS germ cell tumors | Ryo Nishikaw | Japan |
| SF018 | 3月21日 | 14:00- | Pain Imaging | Connectomics of Placebo Prediction in Chronic Pain | Vania A. Apak | USA |
| SF018 | 3月21日 | 14:00- | Pain Imaging | Effect of Emotion and Motion on Pain Perception in Humans | Ryusuke Kakig | Japan |
| SF018 | 3月21日 | 14:00- | Pain Imaging | Characterizing Brain Oscillations for Understanding Pain | Li Hu | China |
| SF018 | 3月21日 | 14:00- | Pain Imaging | Neuroimaging Perspective : Is Primary Dysmenorrhea a Brain Disease | JC Hsieh (謝仁 | Taiwan |
| SF019 | 3月21日 | 14:00- | Advanced | Imaging myelin in the brain: emerging methods | Jongho Lee | South Korea |
| SF019 | 3月21日 | 14:00- | Advanced | Gradient Echo Myelin Water Imaging and Its Clinical Applications | Yoonho Nam | South Korea |
| SF019 | 3月21日 | 14:00- | Advanced | Myelin water imaging - a direct probe of myelin content in CNS tissue | Alex L. MacKa | Canada |
| SF020 | 3月21日 | 16:00- | World Chinese | DWI, MRS, SWI: Differentiating Pyogenic Abscesses and Necrotic Tumors | Ping-Hong | Taiwan |
| SF020 | 3月21日 | 16:00- | World Chinese | Basal Ganglia Germinoma: MRI and Differential Diagnosis | Lin Ma | China |
| SF020 | 3月21日 | 16:00- | World Chinese | Imaging in Gait Disorders: Changes in Clinical Paradigm | Ling Ling | Singapore |
| SF020 | 3月21日 | 16:00- | World Chinese | Evidence-Based Neuroimaging: Diagnostic Meta-Analysis of fMRI | Hsu-Huei | Taiwan |
| SF020 | 3月21日 | 16:00- | World Chinese | Dural Arteriovenous Fistula : Now and Future | Chung-Jung | Taiwan |
| SF020 | 3月21日 | 16:00- | World Chinese | Stroke Imaging: the Role of Advanced MRI | Xin Lou | China |
| SF020 | 3月21日 | 16:00- | World Chinese | ASL in TIA and Acute Stroke: Evaluation of Collateral Status and Prognostication | Henry Mak | Hong Kong |
| RE017 | 3月22日 | 08:00- | Neurodegener | Alzheimer's Disease: Imaging, Biomarkers, and Hope | Howard | USA |
| RE017 | 3月22日 | 08:00- | Neurodegener | Imaging Patterns in Neurodegenerative Diseases | Howard | USA |
| SF021 | 3月22日 | 14:00- | Population | Population Imaging: Rationale and Design | Meike W. Ver | The Netherlands |
| SF021 | 3月22日 | 14:00- | Population | Population Imaging in Multiethnic Populations | Christopher C | Singapore |
| SF021 | 3月22日 | 14:00- | Population | Quantitative Imaging/ Biomedical Imaging Processing in Population imaging: | Wiro Niessen | The Netherlands |
| SF021 | 3月22日 | 14:00- | Population | Challenges for Big Data Neuroimaging Analytics and Resources | Paul Thompsc | USA |
| SF023 | 3月22日 | 14:00- | Quantitative | Application of Flat-Panel Imaging in Angioroom | Tobias Struffe | Germany |

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|-------|-------|--------|------------------|--|----------------|-------------|
| SF023 | 3月22日 | 14:00- | Quantitative | Computer Fluid Dynamics in Clinical Practice | Aichi Chien | USA |
| SF023 | 3月22日 | 14:00- | Quantitative | Clinical Applications of Quantitative 4D-DSA | Chung-Jung | Taiwan |
| SF024 | 3月22日 | 14:00- | Advanced | Principle of CEST – a Hitchhiker’s Guide | Kai-Hsiang | Australia |
| SF024 | 3月22日 | 14:00- | Advanced | Clinical Application of CEST and APT in Neuroimaging | Pia Sundgren | Sweden |
| SF024 | 3月22日 | 14:00- | Advanced | GlucoCEST imaging of rodent brain: potentials and challenges | Ping-Huei | Taiwan |
| SF024 | 3月22日 | 14:00- | Advanced | Chemical exchange-sensitive MRI of Glucose | Seong-Gi Kim | South Korea |
| SF025 | 3月22日 | 16:00- | Medical | Disruption of Radiology by Artificial Intelligence? | Michael | Germany |
| SF025 | 3月22日 | 16:00- | Medical | Multimodal Imaging and Convolutional Neural Network for MRI-guided | Holland | USA |
| SF025 | 3月22日 | 16:00- | Medical | The Impact of AI in the practice of Neuroradiology | Kei Yamada | Japan |
| RE018 | 3月23日 | 08:00- | Comprehensive | Stroke Etiologies, Mechanism and Mimics | Pamela Schae | USA |
| RE018 | 3月23日 | 08:00- | Comprehensive | Acute Ischemic Stroke: Algorithms for Diagnosis, Triage and Outcome | Pamela Schae | USA |
| RE020 | 3月23日 | 08:00- | Brain Zika and d | Neuroimaging of Zika vírus: Congenital Syndrome and in Adult | Maria de Fá | Brazil |
| RE020 | 3月23日 | 08:00- | Brain Zika and d | Neuroimaging of CNS infection: Basic, Bread and Butter | Tchoyoson | Singapore |
| PC012 | 3月23日 | 11:20- | Normal | Normal Pressure Hydrocephalus: Clinical Diagnosis and Treatment. | Masatsune Ishi | Japan |
| PC012 | 3月23日 | 11:20- | Normal Pressure | Neuroradiology of Normal Pressure Hydrocephalus | Àlex Rovira | Spain |
| SF026 | 3月23日 | 14:00- | Inflammatory | MS and NMOSD (and ADEM) in Taiwan | Ching-Piao | Taiwan |
| SF026 | 3月23日 | 14:00- | Inflammatory | MS and NMOSD (and ADEM) in Europe | Àlex Rovira | Spain |
| SF026 | 3月23日 | 14:00- | Inflammatory | Advanced MR Imaging Techniques in Inflammatory Demyelinating Diseases | Masaaki Hori | Japan |
| SF026 | 3月23日 | 14:00- | Inflammatory | Diagnostic criteria of MS and NMO | Kazuo Fijihara | Japan |
| SF027 | 3月23日 | 14:00- | Translational | Translational Research In Neuro-oncologic Imaging - Clinical Side | Seung Hong C | South Korea |
| SF027 | 3月23日 | 14:00- | Translational N | Translational Research In Neuro-oncologic Imaging - Bench Side | Hye Rim Cho | South Korea |
| SF027 | 3月23日 | 14:00- | Translational N | Translational Research In Mild Traumatic Brain Injury | Sandy, | Taiwan |
| SF027 | 3月23日 | 14:00- | Translational N | Translational Research In Mild Traumatic Brain Injury | Chia-Feng Lu | Taiwan |
| SF027 | 3月23日 | 14:00- | Translational N | Translational Research In Cerebral Ischemic Stroke | Yu-Chieh Kao | Taiwan |
| SF027 | 3月23日 | 14:00- | Translational N | Translational Research In Cerebral Ischemic Stroke | Kevin, Li- | Taiwan |
| SF028 | 3月23日 | 14:00- | The | Overview on Glymphatic System | Toshiaki Taoka | Japan |
| SF028 | 3月23日 | 14:00- | The | Tracer Study in Human | Turgut Tali | Turkey |
| SF028 | 3月23日 | 14:00- | The | Clinical Trial on Human Glymphatic System | Masafumi Iha | Japan |
| SF028 | 3月23日 | 14:00- | The | Idiopathic Normal Pressure Hydrocephalus | Shigeki Yama | Japan |

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| Track | Date | Time | Lecture Topic | Speaker | Nationality |
|-------|-------|-------------|---|-------------------|-------------|
| RE001 | 3月18日 | 11:00- | Endovascular Therapy for Ischemic Stroke with CT Perfusion-Imaging Selection | Chul-Ho Sohn | South Korea |
| RE001 | 3月18日 | 11:00- | Evolution of Stent Retriever Thrombectomy Techniques for Maximizing First-Pass Complete | Pao-Sheng Yen | Taiwan |
| PC003 | 3月18日 | 14:00-15:10 | Intracranial Atherosclerotic Disease: Comparing Angioplasty/Stenting with the Best Medical | Simon Yu | South Korea |
| PC003 | 3月18日 | 14:00-15:10 | Evaluation of the therapeutic outcome of Intracranial artery stenosis with high resolution | Feng-Chi Chang | Taiwan |
| PC003 | 3月18日 | 14:00-15:10 | Pre- and Post-Procedural Medication of Cerebrovascular Intervention | Micheal MH Teng | Taiwan |
| SF005 | 3月18日 | 15:30-17:10 | Angio-evaluation and embolization of spinal AVM | Dae Chul Suh | South Korea |
| SF005 | 3月18日 | 15:30-17:10 | Treatment of intracranial aneurysms with Pipeline embolization device(PED) | Donglei Song | China |
| SF005 | 3月18日 | 15:30-17:10 | Balloon-Assisted Onyx Embolization of Cranial DAVFs | Chao-Bao Luo | Taiwan |
| SF005 | 3月18日 | 15:30-17:10 | Usefulness of Flow Diverter for Large Cavernous Aneurysms | Shigeru Miyachi | Japan |
| RE005 | 3月19日 | 08:00-08:50 | Technical Considerations for Clot Aspiration and Stent Retriever Thrombectomy | Chul-Ho Sohn | South Korea |
| RE005 | 3月19日 | 08:00-08:50 | Bleeding Risk Factors in BAVM Interventional Management | Donglei Song | China |
| SF008 | 3月19日 | 10:20-12:00 | Shaping and Navigation of Microcatheters in Aneurysmal Coiling | Moon Hee HAN | South Korea |
| SF008 | 3月19日 | 10:20-12:00 | Progress in Aneurysm Interventional Treatment | Gary R. Duckwiler | USA |
| SF008 | 3月19日 | 10:20-12:00 | Technical Spectrum of Stent-Assisted Aneurysmal Coiling | Moon Hee HAN | South Korea |
| SF011 | 3月19日 | 14:10-15:50 | New Classification of Spinal Dural AVF | Shigeru Miyachi | Japan |
| SF011 | 3月19日 | 14:10-15:50 | Angio-Evaluation and Embolization of Spinal AVM | Dae Chul Suh | South Korea |
| SF011 | 3月19日 | 14:10-15:50 | Endovascular Embolization of Spinal AVM and AVF | John Chaloupka | |
| RE009 | 3月20日 | 08:00-08:50 | Y-Stenting Thrombectomy: An Effective Salvaging Technique | Peng-Fei Yang | China |
| RE009 | 3月20日 | 08:00-08:50 | Current Management of Acute Ischemic Stroke in Comprehensive Stroke Center in Japan | Nobuyuki Sakai | Japan |
| SF014 | 3月20日 | 14:00-15:40 | Revisiting the Role of Flow Diverters in Endovascular Intervention of Neurovascular Disease | Simon Yu | Hong Kong |
| SF014 | 3月20日 | 14:00-15:40 | Aneurysmal Coiling Using Multiple Microcatheters: Technical Variety for Widening | Moon Hee HAN | South Korea |
| SF014 | 3月20日 | 14:00-15:40 | Endovascular Treatment Strategies on Giant Intracranial Aneurysms. | Naci Kocer | Turkey |
| SF014 | 3月20日 | 14:00-15:40 | Flow Diverter Treatment for Recurrence after Stent Assisted Coil Embolization of Intracranial | Nobuyuki Sakai | Japan |
| SF020 | 3月21日 | 16:00-18:00 | Dural Arteriovenous Fistula : Now and Future | Chung-Jung Lin | Taiwan |
| SF020 | 3月21日 | 16:00-18:00 | Stroke Imaging: the Role of Advanced MRI | Xin Lou | China |
| RE014 | 3月21日 | 08:00-08:50 | Management of Intracranial Aneurysm by Flow Diverter | Ho-Fai Wong | Taiwan |
| RE014 | 3月21日 | 08:00-08:50 | Update of Endovascular Management of Carotid Blowout Syndrome | German speaker | Germany |
| PC010 | 3月21日 | 11:20-12:30 | Transvenous BAVM embolization: Is It a Solution of BAVM Treatment | Gary R. Duckwiler | USA |
| PC010 | 3月21日 | 11:20-12:30 | Single stage Combined Endovascular Embolization with Microsurgical Resection in Cerebral | Naci Kocer | Turkey |
| PC010 | 3月21日 | 11:20-12:30 | Combined Management of Brain AVM by Endovascular Embolization and Radiosurgery | Michael Södermar | Sweden |

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| SF025 | 3月22日 | 16:00-18:00 | Disruption of Radiology by Artificial Intelligence? | Michael | Germany |
| SF027 | 3月23日 | 14:00-15:40 | Translational Research In Cerebral Ischemic Stroke | Yu-Chieh Kao | Taiwan |
| SF027 | 3月23日 | 14:00-15:40 | Translational Research In Cerebral Ischemic Stroke | Kevin, Li-Chun | Taiwan |

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| Track | Date | Time | Lecture Topic | Speaker | Nationality |
|-------|-------|-------------|--|-----------------------------------|-------------|
| RE007 | 3月20日 | 08:00-08:50 | How to Find the Pain Generator | Johan Van Goethem | Belgium |
| RE007 | 3月20日 | 08:00-08:50 | Spinal Tumors (Pediatric) | Yi-Wei Chen | Taiwan |
| PC005 | 3月20日 | 11:20-12:30 | Approaches to Spine Procedures: Epidural Blood Patch, Lumbar Drainage | Eugene Lee | South Korea |
| PC005 | 3月20日 | 11:20-12:30 | Placebo vs Nocebo in Back Pain: Where is the Art of Medicine? | Meng Law | USA |
| PC009 | 3月21日 | 11:20-12:30 | Gadolinium Deposition: What does it mean? | Meng Law | USA |
| PC009 | 3月21日 | 11:20-12:30 | What is the point of no return for the spine oncologic surgeon? | Jau-Ching Wu | Taiwan |
| RE016 | 3月22日 | 08:00-08:50 | Mimics of Spinal Cord Tumors | Rajan Jain | USA |
| RE016 | 3月22日 | 08:00-08:50 | Longitudinal Spinal Cord Lesions | Kentaro Akazawa | USA |
| SF022 | 3月22日 | 14:00-15:40 | Intramedullary Spine Tumors Imaging and DTI | Mauricio Castillo | USA |
| SF022 | 3月22日 | 14:00-15:40 | Spinal Bone Tumors/ Vertebral Tumors | Johan Van Goethem | Belgium |
| SF022 | 3月22日 | 14:00-15:40 | Multidisciplinary Spine Oncology: Radiology Role What Surgeons and Radiation | Meng Law | USA |
| SF022 | 3月22日 | 14:00-15:40 | Easy Approach for Imaging Spine and Cord Infections | Turgut Tali | Turkey |
| SF025 | 3月22日 | 16:00-18:00 | Disruption of Radiology by Artificial Intelligence? | Michael Forsting | Germany |
| RE019 | 3月23日 | 08:00-08:50 | Imaging Spinal Neoplasms: Revisited | Seung-Koo Lee | South Korea |
| RE019 | 3月23日 | 08:00-08:50 | Novel and Other Advanced Spine Imaging Approaches | Meng Law | USA |
| PC011 | 3月23日 | 11:20-12:30 | Imaging Whiplash Injuries | Johan Van Goethem | Belgium |
| PC011 | 3月23日 | 11:20-12:30 | Non Traumatic Spine Injuries/Vertebral Fractures | Turgut Tali | Turkey |