

ICHSEA2013 16th International Conference on the History of Science in East Asia, August 21st – August 25th 2023, Goethe University, Frankfurt, Germany
 Conference Title: "Crises and Entanglements: Science, Technology and Medicine in East Asia"

Original Panels	Last Name	First Name	Paper Title				
4, Cross-cultural astral texts and images in Central and East Asia							
Thursday, 24th August, 14:00-15:40	Kotyk	Jeffrey	Representations of Lunar Mansions in East Asia: Their Introduction and Evolution				
	Brentjes	Rana	The spectrum of East Asian astral imagery in the VoH database				
	Pirtea	Adrian	Astral and Other Sciences in the medieval Uyghur Kingdom of Qocho (Turfan)				
5, Rethinking the "hearts" in medical caring and treatments in East Asian societies							
Tuesday, 22nd August, 09:00-10:40, 11:00-12:40	Chang	Shu-Ching	Mending the heart between Taiwan and Japan: Cross-national learning, practice and personnel training of cardiac catheterization in Taiwan, 1980s-2010s				
	Gu	Xiaoyang	The Rise and Fall of Insulin Shock Therapy in China (1930s - 1980s)				
	Wang	Hsiu-Yun	Colonial Legacy Goes Nuclear: Dr. Kao Tien-Cheng and Radioactive Iodine in Taiwan, 1950s-1960s				
	Su	Jingjing	A comparative history of painless childbirth in China: from Psychoprophylactic Method to the Lamaze Method				
	Jin	Ya'nan	A comparative history of painless childbirth in China: from Psychoprophylactic Method to the Lamaze Method				
	Hiratai	Yumi	The U.S. nurse advisors' idealism and the rural Japanese nurses' mindset on public health work: collision and compromise of gendered images in the 1950s				
6, Vernacular Healing: Productive Entanglements between Practical Knowledge and Chinese Medicine, ca.1500-1980 A Panel in Honor of the Memory of Nathan Sivin (1931-2022)							
Tuesday, 22nd August, 09:00-10:40	Judge	Joan	Sudden Turmoil: Cholera and the Common Reader in Early Twentieth-Century China				
	Schonebaum	Andrew	The Stuff of Life: Animating Forces in Early Modern China				
	Zhang	Ying	Healing with Recipes in the Home: Experience, Skills, and Virtue in Late Imperial China				
	Lei	Sean Hsiang-lin	Assembling Experimental Therapeutics for Traditional East Asian Medicine in Colonial Taiwan				
7, Mapping South and Southeast Asia in Seventeenth and Eighteenth Century East Asia							
Friday 25th August, 14:00-15:40, 16:00-17:40	Papelitzky	Elke	Mapping the shape of Southeast Asia in Tokugawa Japan				
	Pegg	Richard A.	Syncretic Spatial Considerations in an Eighteenth-century Chinese Maritime Chart				
	Park	Hyunhee	Detecting Early Impacts of European Expansion on East Asia through Maps of India				
	Moerman	D. Max	Remapping Buddhist India in South East Asia in 17th and 18th Century Japan				
	Cams	Mario	Drawing in the Subcontinent: The Mid-Eighteenth Century Qing Court Atlas				
8, Postwar Networks of Knowledge, Material, and Marketplace within and beyond East Asia							
Tuesday, 22nd August, 09:00-10:40	Lee	Juyoung	Sellers of Knowledge Service: Fertilizer Plant Constructions and the Commercial Network of Engineers in 1950s East Asia				
	Hsieh	Shinyi	Bridging the Laboratory and Field Studies: NAMRU-2's Transnational Global Health Knowledge and Animal Trading Networks in postwar Taiwan, the Philippines, and British North Borneo, 1950s-1960				
	Choi	Hyungsub	Transnational Intermediaries: The Cold War Origins of the Korea Development Model				
	Lu	Tsai-Ying	From a Failed Experiment to a Prominent Solution? Taiwan's Wind Power Development in Retrospect				
9, The New Encounter of Science, East and West: Japan's Case of Relaunching Academic Exchange with the Soviet Union in the 1950s							
Monday, 21st August, 11:00-12:40	Hirofumi	Saito	The Impact of New Aspects of Soviet Sciences on Japanese Scientific Communities in 1950s: The Assessment of the Great Plan of Transforming Nature in Japan				
	Ichikawa	Hiroshi	"Discrepant Expectation": The Delegation of the Science Council of Japan to the Soviet Union in 1955.				
	Kanayama	Koji	The Impact of the Theory of Scientific-Technical Revolution in Japan: A Case Study of the Reaction on the Tendency of the Eastern Bloc				
10, Resourceful material practice: 機智, technoscience of living and playing with material							
Friday 25th August, 14:00-15:40, 16:00-17:40	Lee	Jung	Resourceful creativity with socio-material attachment				
	Yoo	Sangwoon	Techniques, Knowledge and Their Resources in Korean Semiconductor Factory, 1970s-2000s				
	Kobayashi	Fumihiko	A Considerable Ingenuity of Revitalizing Wastepaper into Reusable yet Valuable Resources: Recycling, Repurposing, and Upcycling Waste Material Culture in Edo-era Japan (1603-1868)				
	Chen	Kaijun	Re-sourcing Fuels for Ceramic Kilns in Socialist China (1950s-1970s)				
	Hsiung	Hansun	Wishful Learning and Western Knowledge in Late Tokugawa Japan				
	Wu	Yulian	Resourceful Use of a Precious Resource: Jade Recycling and Reuse in The Qing Dynasty				
11, Military Crisis and Early Modern Entanglement							
Monday, 21st August, 11:00-12:40	Kang	Hyeok Hweon	Mines and Steam Engines, 1860s-1870s				
	Fong	Sau-yi	Warcraft in the Chinese Littoral: Gong Zhenlin's Experimentation with Gun Casting During the First Opium War (1839-1842)				
	Katz Sinvany	Benjamin Avichai	Of Middle Period Geopolitics and Gunpowder Recipes in the Collected Essentials of Military Classics (Wujing zongyao 武經總要)				
	Lee	Jay Jung	Fire Wagon against Barbarian Cavalry: Development of Military Wagons and tactics in 17-18th century Korea				
13, Knowledge Transfer between Europe and Ming-Qing China - Science							
Tuesday, August 22nd, 09:00-10:40, 11:00-12:40	Jost	Alexander	Jesuit Geography and Chinese Knowledge of the Poles and Polar Regions				
	Strob	Anna	Reading Aristotle in Late Ming China: The Reception and Rejection of Aristotelian Cosmology by Chinese Scholars				
	Sachsenmaier	Dominic	Geographical Knowledge as a Contested Field in the Jesuit China Mission				
	Shang	Zhicong	Aristotle's Theory of Knowledge in Qionglixue				
	Meynard	Thierry	Thinking the material unity of the earth and the cosmos in Late Ming China; the case made by Huanyou quan (1628)				
	Qi	Han	Some Reflections on Antoine Thomas's Scientific Activity at the Kangxi Court				
	Xu	Gong	On the Manchu Translation of European Works on Human Anatomy and Pharmacy				
	Shi	Yunli	Jie Xuan's Appropriation of Guilio Aleni's Adaptation of Aristotle's Doctrine on the Soul in his Discourse of Human Nature				
14, Knowledge Transfer between Europe and Ming-Qing China - Technology							

Monday, 21st August, 11:00-12:40, 14:00-15:40, 16:00-17:40	Cao	Jin	Nitric Acid in Ming-Qing China			
	Kink	Sabine	Rescuing the People from these Disasters: Proposals from the Taixi shuifa 泰西水法 (Hydromethods of the Great West; 1612)			
	Zheng	Cheng	Nine-section Bronze Cannon in Eighteenth-Century China			
	Zhang	Baichun	Political-cultural Shaping of An Equatorial Armillary Sphere: Jiheng fuchen yi			
	Tian	Miao	Political-cultural Shaping of An Equatorial Armillary Sphere: Jiheng fuchen yi			
	Han	Qijin	Gauging Qi: Introducing the European Thermometer into the Kangxi Court			
	Schottenhammer	Angela	Medicinal Drug & Knowledge Transfer between Spanish America and 18-Century China			
Sun	Chengsheng	Scientific Instruments as Ritual Objects: A Case Study of Huangchao liqi tushi				
	Schmid	Jonas	Huogong qieyao and the Jesuit Involvement in Military Matters during Late Ming Times			
15, Materialities of Animal Drugs in Comparative Perspectives between China and Europe						
Monday, August 21st, 11:00-12:40	Chen	Hsiu-Fen	The placenta: a human body part as drug in premodern China			
	Wahrig	Bettina	Preparing and using placenta in premodern Europe			
	Liu	Shih-Hsun	Top-Grade Donkey-based Medicine: The Discourse on Ejiao in the Early Modern Chinese Materia Medica			
	Liang	Siran	Between Medicine and Gift: An Ethnographic Study of a Transformative Medicinal Caterpillar Fungus (<i>Ophiocordyceps sinensis</i>) in Tibet			
16, Crisis and the entanglement of science, domestic politics, and transnational relations in East Asia, 1950s-70s						
Thursday, 24th August, 11:00-12:40, 14:00-15:40	Homei	Aya	"What crisis was at stake? Sterilization and social order in Japan after World War II"			
	Kenji	Ito	"Virtual science diplomacy"? UNESCO Cooperative Associations and entanglement of scientific pacifism in occupied Japan			
	Lin	Yi-tang	Nutritional Science in China during and after the Great Leap Forward			
	Hyun	Jaehwan	Bird Banding for What? Military Entomology, Ornithology, and the Rise of Nature Conservation in Cold War Asia			
17, Early modern mapping of East Asia- multicultural and multidisciplinary perspectives						
Friday 25th August, 14:00-15:40, 16:00-17:40	Cabora	Marco	Western maps of China from Ortelius to d'Anville- East Asian models and European adaptations- a genealogical and chronological perspective			
	Leca	Radu	Copying as Dialogical Knowledge-Making: Japanese Versions of Matteo Ricci's 1602 World Map Kunyu Wanguo Quantu			
	Magnani	Arianna	The Kreyer books' collection as an example of technological knowledge exchange in Qing dynasty: maps from 广舆图 (康熙) to 航海金针 (清朝1853)			
	Raini	Emanuele	Mapping through Alphabets. Studying the Romanization of Chinese toponyms on maps of China.			
	Takahashi	Kimiaki	"How were the Ryukyus Mapped: Maps Made in Japan, Korea, China and European Countries from the Fourteenth through the Early Seventeenth Centuries"			
Liu	Zhifan	Reconstructing the Jesuit Making of Maritime Knowledge in Seventeenth-Century China: On the Marine Animal Images in the Kunyu quantu (Ferdinand Verbiest, 1674) at the Scheepvaartmuseum, Amsterdam.				
18, Decision-making amid Crisis: Transnational Re-conceptions of Reason and Science in Mid-Century East						
Thursday, 24th August, 09:00-10:40	Shin	Youjin	Making the Rational Decision amid the Educational Crisis: The Transnational Network in the Rise of Behavioral Science in South Korea in the late 1960s			
	Hamilton	Peter Evan	"Wartime Transpacific Circulations and the Great Management Debate"			
	Greene	J. Megan	Industrial Standardization for War Production and Post-war Commerce			
19, Translating East Asian Sources: Historical Studies and Research						
Tuesday, 22nd August, 14:00-15:40	Jami	Catherine	Mountains, rivers, plants and other stuff: how (not) to translate an emperor's jottings			
	Mak	Bill	Sino-Indian astronomical texts in translation – authorial intention vs. readers' interpretation?			
	Weil	Dror	Rashid al-Din and the intricacies of articulating Chinese medicine in medieval Iran			
	Bréard	Andrea	Translating a 19th century Chinese mathematical text: into algebraic formulas or beautiful French? A difficult choice			
20, Nature as Resources, Medicine and Landscape: Global Knowledge Exchange in Modern East Asia						
Thursday, 24th August, 09:00-10:40	Huang	Fei	Spa Treatment, Geothermal Resources, and Mass Consumption:			
	Juan	Shih-Yu	A New Concept of Mineral Identification: Translating James Dwight Dana's Manual of Mineralogy in Late Qing China			
	Brazelton	Mary A.	Intersections of nationalism, scientism, and technical education at the Sino-French Institute of Lyon			
	Hung	Kuang-Chi	To Be Natural or Being in the Nature?			
21, The Cross-Action between Astral Science, Medicine and Divination in East Asia						
Monday, August 21st, 11:00-12:40	Niu	Weixing	Reexamining the Genealogy of the National Park System in the Japanese Empire			
	Kotyk	Jeffrey	Saturn and Melancholy in Chinese Astrology			
	Du	Feng	A Study the Phrase 'Sanjiu 三焦' in the Shiwen 十问 Manuscript from the Mawangdui 马王堆 Han Medical Manuscripts and 'Sanjiao 三焦' Essence and Function in TCM			
	Gu	Man	A preliminary study on the relationship between five-color & pulse diagnosis and five phases in unearthed medical manuscripts			
	Song	Shenmi	Research on the Contraindication of Acupuncture and Moxibustion in the Almanacs of the Ming and Qing Dynasties			
23, Science and Civilization in Korea: The Statecraft of Science and Technology in Korea						
Tuesday, 22nd August, 14:00-15:40	Moon	Manyong	A Policy Text That Has Become History: Choi Hyung Sup's Theory of Scientific and Technological Development for Developing Countries			
	Shin	Dongwon	The Position of Science and Technology in the Premodern Korean Government Organization			
	Jun	Jung Hoon	A Korean style application of Chinese calendrical astronomy			
25, Praxis of Historiographic Intervention in Crises: Mis/fitting the Expectant Narratives of Modern Medicine in Trans-Asia						
Tuesday, 22nd August, 11:00-12:40, 14:00-15:40	Kim	Jane Sung Hae	Chasing the Elusive Dream – Health Unit and Rural Healthcare in Korea			
	Burns	Susan L.	Sex(ually-Transmitted Diseases) and the City: Public Health Policy and Syphilis in Tokyo			
	Suzuki	Akihito	Making of the Mentally Ill Patients in Tokyo: Psychiatric Hospitals, the Families and the Police in the Metropolis c.1920-c.1945			
	Chiang	Howard	Oedipal Reversal: Race, Politics, and the Psychology of the Unconscious in the Sinophone Pacific, 1944–1971			
	Park	Yun-jae	The Goal of Public Health Nurses and their Trajectory in Liberated South Korea			

	Wu	Harry	Free Ports as Hotbeds for the White Plague: Reluctant international aid in managing tuberculosis in Hong Kong and Singapore in the 1950s				
26, Medicines outside the Box: Transformed and Transformative Materials in Medieval and Early Modern Japanese and Chinese Medicine							
Thursday, 24th August 16:00-17:40	Cheng	Hsiao-wen	Reinventing Zhu (Atractylodes Rhizome): Recipes, Market, and Healing Culture in Song China (11th–13th Centuries)				
	Ng	Wee Siang Marag	Divine Scents and Aromatic Medicines: Ruxiang (Frankincense) from the Red Sea to China				
	Macomber	Andrew	Aromatics on the Archipelago: Materializing Agarwood in Ancient and Medieval Japan				
	Schlachet	Joshua	Daikon as Drug: Easting Against Medicine in Early Modern Japanese Dietetics				
27, A Look Beyond Scientific Metropolis: Keijō Imperial University as a Transnational Node							
Tuesday, 22nd August, 09:00-10:40	Leitner	Bernhard	Keijō Imperial Brain Science - The Colonial Legacy of Viennese Neurology and Psychiatry in East Asia				
	Winstanley-Ches	Robert	Constructing Colonial Knowledge of Space and Place in Mengjiang: In the Field with Keijō Imperial University's Man-Mong Research Group and Tada Fumio				
	DiMoia	John Paul	Imperial Nostalgia and Postcolonial Nation-Building: Keijō Imperial University (1926-1945) and its Impact upon early South Korean medical practice, 1946-1970				
	Park	Jiyoung	Beyond the Locality: Demography and Transnational Network of Keijō Imperial University				
28, Medicine, Hygiene, and Nursing in Modern China							
Friday 25th August, 14:00-15:40, 16:00-17:40	Zhen	Cheng	Remolding the image of midwives by the concept of sterilization in childbirth during the Republic of China				
	Wu	Zijing	Cora Eliza Simpson and the beginnings of modern nursing in China				
	Gao	Disi	China's Health Education in Schools in the Second Half of the 19th Century				
	Cheng	Taozhu	The influence of healthy lifestyle behaviors on cognitive function among older Chinese adults across age and gender: Evidence from contemporary China				
	Huang	Ying	Nursing History in the Fujian Soviet Area				
	Zhao	Xiaoyun	A Leap From Practice to Theory: Evolution of Orem's self-care Theory in China				
	Hu	Yuntian	Remolding the image of midwives by the concept of sterilization in childbirth during the Republic of China				
29, New Research on the Development of Ancient Materials in China							
Monday, August 21st, 11:00-12:40, 14:00-15:40, 16:00-17:40	Chen	Kunlong	The adoption and innovation of iron production technologies in Central China				
	Cui	Jianfeng	Technical transition from bronze to brass in medieval North China, 10th-13th Century				
	Xiao	Hongyan	Technical transition from bronze to brass in medieval North China, 10th-13th Century				
	Wu	Junming	Study on the Preparation Technology of Mi'se Celadon Based on Experimental Archaeology				
	Rui	Wen	The characteristics and trading network of glass beads in Tarim Basin of Xinjiang in the Han and Jin dynasty				
	Wang	Dong	The characteristics and trading network of glass beads in Tarim Basin of Xinjiang in the Han and Jin dynasty				
	Yang	Zhou	Development and application of silk micro trace detection technology based on immunology method				
	Wei	Shuya	Study of the Lacquering Materials and Techniques in Ancient China				
	Wei	Xiangjun	Unveiling the mystery of the ancient tea-bowl glaze: evidence for advanced manipulation in the creation of ε-Fe2O3 films in clay-based porcelain				
	Liu	Zhen	Unveiling the mystery of the ancient tea-bowl glaze: evidence for advanced manipulation in the creation of ε-Fe2O3 films in clay-based porcelain				
30, The Asian-Euro mutual learning and interpenetration of the civilization of science and technology in the early modern period							
Thursday, 24th August 14:00-15:40	Chen	Zhihui	A preliminary study on Alexander Wylie's work regarding the Sino-Western names correspondence of the fixed stars				
	Xie	Hui	European's Understanding on Chinese Printing from the 16th to the 18th Century				
	Cao	Jingbo	An Analysis of the Translation of Chinese Euclid's Elements' Book X in 1858				
	Pan	Yue	European Orientalists' Discovery, Review and Translation of "Alberuni's India" in the 19th Century				
	Wu	Yan	French understanding of Chinese ornamental horticulture and horticultural culture in the 19th century: focusing on the translation of the Mirror of Flowers in France				
31, "Magic and Medicine in Early Imperial China"							
Thursday, 24th August, 16:00-17:40	Cook	Constance	Manuscripts & Matters of the Heart in Early China				
	Caro	Éléonore	Magical Medicine in Early Chinese Excavated Manuscripts (3rd – 2nd centuries BCE)				
	Prüch	Margareta	Objects for Healing - an Archaeological Approach to Medical Devices in Han Dynasty Tombs				
	Gu	Man	The order of the heart as the first of the five organs in early medical classics				
32, History of Water Resources, History of Oceanography and Maritime Trade Studies							
Monday, August 21st, 11:00-12:40	Li	Haijing	From "empirical water management" to "system building"----An exploration of the development of modern water conservancy science and technology in China				
	Zhang	Zhihui	Historical investigation on the technology import and indigenous innovation of the three Gorges Hydropower Station in China				
	Huang	Junbao	Analysis of Coastline Changes and the Main Influencing Factors under Historical Perspective in Hangzhou Bay of China for about 200 years				
	Zhu	Malong	?				
33, Environmental History and Climate Change in Asia: Examination of Historical Records on Weather, Climate Crisis and Analysis of Historical Entanglement (Session 1)							
Thursday, 24th August, 16:00-17:40	Tsukuhara	Togo	Material to consider environmental history: Climate reconstruction by Dutch Navy ship logs				
	Alvarez	Kerby	The Jesuits of Ermita: The Manila Observatory, 1865-1945				
	Kubota	Hisayuki	History of instrumental meteorological data records in the ship logs of foreign vessels sailing along Japan waters during the 18th to 19th century				
	Akasaka	Ikumi	Seasonal changes in rainfall and surface wind at Manila for the late 19th century				
	Matsumoto	Jun	Climate data rescue since the late 19th century in Asian monsoon region				
34, Environmental History and Climate Change in Asia: Examination of Historical Records on Weather, Climate Crisis and Analysis of Historical Entanglement (Session 2)							
Tuesday, 22nd August, 09:00-10:40, 11:00-12:40	Zaiki	Masumi	The 19th century meteorological records in Japan and its scientific use				
	Wille	Robert-Jan	Weather balloons, Eurasian islands, and transimperial infrastructures of meteorology, 1896-1914				
	Maeda	Ki-chiro	Various Early Historical Records of Weather in Japan: their standardization and historian's contribution to meteorologists in order to understand climate change.				

	Ota	Atsushi	Climate in social history: rainfall, floods, and epidemics				
	Weber	Andreas	Linking Sources: Weather, Nature and Agriculture in the Netherlands Indies, 1800 – 1850				
	Mikami	Tekehiko	The 19th century meteorological records in Japan and its scientific use				
35, Astral Sciences in Context: Jesuit, Mongol, Ryukyu and George Sarton.							
Tuesday, 22nd August, 14:00-15:40	Hiraoka	Ryuji	Jesuit Cosmology in Japanese Translation: A Newly Discovered Manuscript of Sufera no nukigaki (Selection on the sphere) and its significance				
	Isahaya	Yoichi	Islamicate Reading of the Chinese Calendar: Qutb al-Din al-Shirazi (1236–1311)'s Note on a Topkapı Fragment (Ahmet III 3455)				
	Miyagawa	Takuya	Traditional Time with Changing Rulers: Lunisolar Calendar in Modern Okinawa				
	Gao	Xudong	When George Sarton Met Oriental Science: Shinjo Shinzo's Article on Scientific Japan and Its Transnational Reflections				
36, Astronomical Observations and Records in Ancient East Asia							
Tuesday, 22nd August, 09:00-10:40, 11:00-12:40, 14:00-15:40	Chu	Longfei	Gradations on Sphere : A New Research on the Star Observation in Chongning Period of Northern Song Dynasty				
	Yang	Hong-Jin	History of Korean Star Map and 5C mural constellations				
	Wang	Guangchao	A study on the Star Chart made by Yi Xing				
	Ma	Liping	Records of Meteors in the Ming Dynasty				
	Yang	Fan	A study on the star catalogue made by Ferdinand Verbiest				
	Lee	Hyojun	A Study on the Definition of Terms Related to Approach and Angular Distance between Celestial Bodies in Korean Historical Astronomical Records				
	Yang	Boshun	Gradations on Sphere : A New Research on the Star Observation in Chongning Period of Northern Song Dynasty				
	Xiong	Tengyue	The formation of the official astronomical instrument system and the improvement of Twenty-four solar term constants in the Eastern Han Dynasty				
	Ahn	Sang-Hyeon	Dating ancient star catalogues				
37, Exploring alternative frameworks for the historiography of astronomy in premodern Asia							
Tuesday, 22nd August, 09:00-10:40, 11:00-12:40	Morgan	Daniel Patrick	A tale of seven cities: a new framework for the historiography of Chinese astronomy in the Period of Disunion (220–589)				
	Yang	Qiao	Astronomy as a Science of the Archive: Crisis of Astronomical Records in 13th Century China				
	Lü	Chuanyi	"Great Unity": the Constellations of the New Imperial Sky, from Sima Qian to Chen Zhuo				
	Guo	Jinsong	Fiction in the Archives: The Making of Astronomical "Records" in Medieval China				
	Chang	Ping-Ying	Family Prosperity versus Imperial Authority: Reconstructing a Social History of Qing Imperial Astronomy from the Viewpoint of Astronomer Families				
	Hayek	Matthias	Who has rights over the calendar? Problems of authority and legitimacy in the production and study of calendrics in late seventeenth-early eighteenth-century Japan				
	Sun	Mengting	"Great Unity": the Constellations of the New Imperial Sky, from Sima Qian to Chen Zhuo				
38, Digging the Earth: Mining and Geological Knowledge in East Asia from the Late Seventeenth Century to the Early Twentieth Century							
Thursday, 24th August, 09:00-10:40, 11:00-12:40	Chu	Pingyi	Mining, Management, and Religion: Remarks on Adam Schall's Kunyu gezhi 坤輿格致 (De Re Metallica)				
	Lim	Jongtae	Transforming Mines into Ordered Spaces: Chong Yagyong's Statist Proposal for Mining Development in Early Nineteenth-century Korea				
	Lai	Hui-min	An Analysis of the Formula of Filler Materials in the Ming-Qing Period				
	Su	Te-cheng	An Analysis of the Formula of Filler Materials in the Ming-Qing Period				
	Yang	Lijuan	The Transmission of Victorian Geology in Late Qing China: A Case Study of Dili Quanzhi				
	Kato	Shigeo	Japanese Geologists' Discourses on Mineral Resources in China from the Late Nineteenth Century to the Early Twentieth Century				
	Kuo	Chih-we	Ferdinand von Richthofen's Geological Expeditions in Shansi China				
39, Gender and Science, Technology and Medicine in Modern China.							
Monday, August 21st, 14:00-15:40, 16:00-17:40	Zhang	Meifang	"Iron girls" and the "gendering" of technology: A case study on Karamay Sanba women drilling team and Sanba oil production team in Great Leap Forward Movement				
	Wang	Yaohua	Research on Antenatal and Postnatal Examination in the View of Pregnancy Medicalization during the Republic of China				
	Yang	Xi	Controversy between Breast Milk and Cow's Milk: the Construction of Scientific Discourse				
	Wu	Miao	The Introduction of Western Obstetrical Pain Relief Technologies and Their Influences in Modern China				
	Zhang	Xinyu	Ideology and Scientific discourse: Re-interpreting the Effects of Modern Birth Control Movement on Chinese Women				
	Yue	Liyuan	Research on Science Communication and its Problems of Traditional Chinese Medicine (TCM) Weight Loss				
40, (Re)Conceptualizing the Body Multiple in East Asian Medicines							
Monday, August 21st, 14:00-15:40, 16:00-17:40	Scheid	Volker	Re-imagining Bodily Landscapes in 17th-century China				
	Wu	Yi-Li	Restoring the broken body in Ming-Qing medicine for injuries (shang ke 傷科)				
	de Vries	Leslie	The limits of the Ming cosmological body				
	Zanolini	SJ	Medicines for which Bodies, when? Feeding the Body Multiple				
	Kirk	Nalini	The bodies of popular pharmacology				
	Flowers	James	Korean Physicians Centering the Heart/Mind-the Body as agent of Confucian self-cultivation				
41, The Body in Crisis: Power, Resistance, and Human Engineering in East Asia							
Monday, 21st August, 14:00-15:40	Kim Dietrich	Inga	Conscripting Blood: Military and Anti-Authoritarian Blood Donation in South Korea				
	Chan	Thomas A	"A Sea of Blood and Hatred": Persuading People to Hate Drug Criminals in China's Anti-Narcotics Campaign of 1949-1952				
	Lee	Eunice S	Standard Man of a Nuclear Family: Dosimetry, Racialized Irradiation and the Human				
	Uchino	Crystal	Minor Claims for Care: Centering Japanese American Hibakusha				
	Lee	Sujin	Protection against Bodies: Governing Reproduction under the Eugenic Protection Law in Japan (1948-1996)				
43, Historicizing the "Miracle": How to Explain the Development of Science, Technology, and Medicine in Modern Korea (with authors of "Science and Civilization in Korea" series)							
Monday, August	Kim	Tae-Ho	Science, Technology, and Everyday Life in Modern South Korea				

21st, 11:00-12:40	Zhang	Hang	A Case Study on Private Radio Manufacturing and the Development of Amateur Radio in China (1912-1949)			
	Han	Kyong Hee	Korean Engineer Lost in Between Elitism and Liberalism			
	Lee	Eunkyoung	Achievements and the Limits of Civil Regulations on Science and Technology in Korea			
44, Science and Civilization in Korea: Socio-Cultural Changes in State-Centered Technology in the Late Joseon						
Tuesday, 22nd August, 09:00-10:40	Jeon	Jongwook	The Encyclopedia of Joseon and the Daily Technology of 'Imwon Geongjeji (林園經濟志)-Records of Managing Rural Life'			
	Roh	Young koo	Development of Defense Technology and Social Change in the Late Joseon Period			
	Park	Kwonsoo	The expansion of calendar circulation and the spread of fortunetelling culture in the late Joseon period			
45, Many Faces of Health in Modern China						
Thursday, 24th August, 16:00-17:40	Yi	Jongsik Christian	Medicine for Multispecies Communes: A Social History of Infectious Animal Diseases in Maoist China			
	Newman	Francis	The Meteorology of Medicine: Colonizing Weather and Disease in Treaty-Port China			
	Zhang	Meng	Learning from Colonial Medicine: Japan-Ruled Korea and China's Medical Reform in the 1910s			
	Zhang	Jinghong	Rooting Dentistry in Socialism: Self-Reliant Science and People's Dentistry in Maoist China, 1957-1977			
46, Science and the Late Qing Polycrisis: Perspectives from the Interior and Non-elite 1866-1930						
Tuesday, August 22nd, 14:00-15:40	Alekna	John	Astronomy, Mathematics, and Exploration in China's Great Game 1866-1879.			
	Zhang	Xue	Traditional Geography, Borderland Cartography, and the Modern Chinese State			
	Luk	Christine Y.L.	The making of a naturalist in interior China: Arthur de Carle Sowerby in Manchuria, 1885-1922			
	Lavelle	Peter	Crops in Crisis: Agriculture Science and Botany in Qing China, 1870-1910			
47, Transnational Flows of Scientific Knowledge Between Japan, Asia, Europe, and North America						
Monday, August 21st, 14:00-15:40, 16:00-17:40	Fujimoto	Hiro	Asian Women's Study at Japanese Medical Schools, 1900-1945			
	Cioffo	Francesco	Indian Mathematics and Imperial Japan: from one-sided discourse to collaboration.			
	Daimaru	Ken	International Mobility of Medical Experts between War and Peace in Early Twentieth Century Japan: A Prosopographical study.			
	Meade	Ruselle	People's Science: Anarchist translations of science in early 20th century Japan			
	Nakao	Maika	One Body for Two: Autopsy Program of ABCC and Nagasaki University in the Mid-20th Century			
	Onaga	Lisa	Agents of Development: The Role of Japanese Sericulture in the Global South			
48, Depicting Premodern Chinese Medicine: Body, Healing and Their Contexts in the Ancient Images						
Thursday, 24th August, 09:00-10:40, 11:00-12:40, 14:00-15:40	Zhang	Shujian	Curved spine : the shape of spine in Taoist body diagrams and its influence on medical body diagrams			
	Lj	Lan	Representing the Spleen: Genre, Metaphor, and Useful Anatomies			
	Gu	Xiaoyang	The "Sweet" Pancreas: an Intellectual and Pictorial History in the Translation of Medical Literature			
	Zhang	Xinyue	Curved spine : the shape of spine in Taoist body diagrams and its influence on medical body diagrams			
	Wei	Ran	Rethinking the Anatomical Structure and function of Chong Channel Based on Ancient Documents and Images			
	Jiang	Shan	Moxa Therapy Scene Depicted in the Ukiyo-e in 19th Century			
	Liu	Huan	Moxa Therapy Scene Depicted in the Ukiyo-e in 19th Century			
	Shi	Honglei	The implantation and transmission of Plague Culture of the 'Five Plague Immortals' in the murals of shuilu			
49, History and Data: Mathematical Archaeology & Digital Humanity						
Tuesday, 22nd August, 09:00-10:40, 11:00-12:40	Zhu	Suoling	Construction of the Model for Automatic Recognition of Named Entities from Chinese Local Chronicles based on Deep Learning			
	Che	Qun	Link Visions Together: Visualizing Geographies of Late Qing and Republican China			
	Li	Na	Research on the Construction of an Integrated Model of Automatic Word Segmentation and Part-of-Speech Tagging for Local Chronicles: Produce			
	Wang	Tao	Multi-view 3D recording of Jiangjunya rock art			
	Yin	Jie	Multi-view 3D recording of Jiangjunya rock art			
	Jiang	Che	Network Analysis of the Names of Animals, Plants and Minerals in Glossaries and Dictionaries Across Medieval Eurasia			
	Qu	Anjing	An astronomical meaning of the structure of the Heaven-well pit			
50, History of Metrology: A Special Perspective to Understand the World						
Thursday, 24th August, 16:00-17:40	Guan	Zengjian	Early Concept of Angle and Its Application in Kao Gong Ji			
	Dong	Yuyu	On the Compilation of Origins of Temperament and Calendar: A Perspective from History of Metrology			
	Guan	Yuzhen	What is the Shape of Earth? A Comparative Study on Chinese and Mesopotamian Sources			
	Rina	Sa	A Comparative Study of Traditional Chinese and Japanese Medicine Dosage in the Context of Metrological Culture : Based on Classical Chinese and Japanese			
51, Chinese Scientific Research Institutions and International Exchanges during the Wartime						
Friday 25th August, 14:00-15:40, 16:00-17:40	Fu	Banghong	Foreign Academic Exchanges of Academia Sinica During the Wartime			
	Wang	Anyi	The National research institute of engineering and its scientific research during the wartime			
	HU	Huakai	Discussion on the school-running concept of National Southwest Associated University during the Anti-Japanese War			
	Yi	Degang	Foreign Exchange Activities of Science Societies during the Anti-Japanese War			
	Wang	Maohua	International Technical Assistance to China during the Wartime: A look from the Archives of the league of Nations			
52, Crises and Inventions: Medicine and Healthcare in late imperial and modern China in global context						
Thursday, 24th August, 09:00-10:40, 11:00-12:40, 14:00-15:40	Bretelle-Estabet	Florence	Smallpox, Variolation, and Vaccination in Late Imperial China: Medical Innovation in Question			
	Mau	Chuan-hui	Silkworm Epidemics of the 19th Century: The Measures of Prevention and the Health Care			
	Corbi	Jean	Masters, Schools, and the Professionalisation of Chinese Medicine (1929-1949)			
	Hsieh	Sung-hung	Teach "Old Drugs" New Tricks : John Dudgeon (1837 – 1901) and Chinese Medicine			

	Lachaud	Océane	The 'Cultural Adaptation' of Smallpox Vaccination on the Korean Peninsula in the 19th Century			
	Liang	Wenbo	How did Electro-Acupuncture Become Acupuncture?			
	Vigouroux	Mathias	From Theory to Practice: Clinical Acupuncture in the Late Edo Period			
	Wu	Kuosheng	"Rod of Asclepius" as a Remedy: Greek Elements in a Tibeto-Mongolian Materia Medica by 'Jam-dpal-rdo-rje (1792-1855)			
53, Crises, Resilience, Local Practices: the Field Allocation System and the Reinvention of Cosmology in Late Imperial China (17th-20th century)						
Friday 25th August, 14:00-15:40, 16:00-17:40	Wu	Huiyi	Tracing Western Learning in the fenye chapters of Qing dynasty local gazetteers (mid 17th – mid 19th century)			
	Chen	Shih-Pei	Digital Analyses of the Field Allocation Sections in Chinese Local Gazetteers			
	Dorofeeva-Lichtn	Vera	Insular versus Continental: A Marginal Early Chinese Spatial Concept Visualised in Late Imperial Popular Field-Allocation Maps			
	Brown	Tristan	Astrological and Geomantic Invocations of the "Western Calendric Method" In Qing Sources			
	Tan	Dan	Uneven Transformation of the fenye Section of Local Gazetteers in Qing Dynasty			
	Zhang	Jiajing	Slow Progress: The Change and Decline of Fenye Knowledge in Chinese Local Gazetteers after the Introduction of Western Sciences			
54, Articulating Agricultural Knowledge in Premodern China and Korea						
Tuesday, 22nd August, 09:00-10:40	Xu	Chun	The Epistemic and Technological Underpinnings of Political Reform in Eleventh-century China			
	Huesemann	Joerg Henning	"Use Manure Like Medicine" –Ideas on Fertilizers in Late Imperial Farming Manuals			
	Agøy	Erling	Harvest, famine, flood, drought or warfare? Prognosticating the weather in Late Imperial China			
	Lee	Kyonghee	Farming progress and weather reports in late Chosŏn administrative practices			
55, Colonial Medicine as a Site of Proxy War: New Perspective on Japan's Imperial Medicine.						
Friday 25th August, 16:00-17:40	Shin	Chan-Geon	Colonial Development of Medical Controversy			
	Merdes	Dominik	Parasitic Worms and Scattered Knowledge Production in Southern China			
	Tanaka	Yuriko	Double Imperialism in the Bacteriology of Shibasaburo Kitasato: A Japanese Representative of German New Science and its Conquering Power			
	Saito	Sumire	Experimental Systems in the Context of New Imperialism			
56, Resilience during Crises in East Asia						
Monday, 21st August, 11:00-12:40, 16:00-17:40	Chakraborty	Arnab	TB epidemic in the Western Pacific region: the case of Japan (1960-1970)			
	Xia	Yun	"National Medicine" or "East Asian Medicine"? A Study of Cross-boundary Network of Medical Exchange in Wartime East Asia			
	Lu	Chen	Creating State Secret: China, Cold War and Sharing of Epidemiological Data			
	Liang	Wan	From Japanese Model to Soviet Ideology: The Transformation and Resilience of Chinese Acupuncture 1933-1958			
	Yun	Huang	The first non-opium 'opioid crisis': Why was morphine abused in late Qing and early Republican China?			
57, Studies on the Knowledge System and Cultural Function of Chinese Abacus						
Tuesday, 22nd August, 09:00-10:40	Guo	Shirong	On the Computational System and Cultural Characteristics of Chinese Zhusuan (Abacus)			
	Feng	Lisheng	The Establishment of New Educational System and the Rise of New Abacus Education in the Late Qing Dynasty			
	Xu	Zelin	The Zhusuan (Abacus) Culture in Edo Japan			
	Bao	Lili	Chinese Abacus in Russian's Mind in the 19th Century:			
58, Silk Road Technology Exchange						
Thursday, 24th August, 09:00-10:40, 11:00-12:40, 14:00-15:40	Yong	Mei	Scientific and Technical Examination and Analysis of Jun Glazed Wares Excavated from the Yanjialiang Site during the Yuan Dynasty			
	Yi	Degang	Centered on Goshkevich's Chinese Abacus			
	Bao	Na Saren	Inspiration from Esaki's Semiconductor Research and the Cultivation of Creativity			
	Shi	Ke	Scientific and Technical Examination and Analysis of Jun Glazed Wares Excavated from the Yanjialiang Site during the Yuan Dynasty			
	Sudu	Billge	Research and Development of the First Heping type Steam Locomotive			
	Zhang	Zhongyuan	Research on compound bow making techniques in Xinjiang during the 1st millennium BC			
	Jia	Jieping	The Impact of "Wool War" on the Development of Wool Textile Industry in Inner Mongolia			
	Bao	Suo	The Maritime Silk Road in Qing Dynasty and Scientific and Technological Exchanges Between China and Japan			
59, The History of Disease Prevention and Control in Contemporary China						
Tuesday, 22nd August, 09:00-10:40	Jiang	Haiting	How to Addressing Vaccine Hesitancy? Lessons from the National Hepatitis B Immunization Program in China			
	Zheng	Jiqi	Pap smear and early cervical cancer mass survey in China			
	Jin	Yanan	Welfare and Risk: Collective Childcare in the 1950s and the 1958 Measles Epidemic in China			
	Wang	Cong	From "Peep show" and "Photographic Studio" to "Self-run Sanatorium": The Prevention and Treatment of Tuberculosis in Beijing (1949-1956)			
60, Ontological Approaches to East Asian Medicines						
Tuesday, 22nd August, 14:00-15:40	Kim	Taewoo	An Ontological Anthropology of Covid-19: Responses to the Pandemic in Korean medicine			
	Hsu	Elisabeth	Words and things in Chinese medicine: what do the sounds of the five seasonal colours do in medical practice?			
	Kim	Hyunkoo	The ontological transition of Sasang medicine by discipline-making practice: things, thought and action			
	Bunkenborg	Mikkel	Strange and familiar food in the making of bodies and relations in rural north China			
61, How people understood and practiced mathematics? The Diversity and Unity of Mathematics from 13th to 17th centuries China						
Thursday, 24th August, 16:00-17:40	Zhu	Yiwen	The Diversity of Mathematical Practices and their various relations to Confucianism in the middle Ming dynasty (16th century)			
	Zhou	Xiaohan	Generality in the 13th-century Chinese Mathematical Works Written for Beginners			
	Chen	Siyu	Mei Wending on Fangcheng and Gougu as two most profound algorithms in Chinese traditional mathematical system			

62, Misunderstanding and innovation: Circulation of Scientific and Technological Knowledge between East and West before the early 20th century						
Monday, August 21st, 11:00-12:40, 14:00-15:40, 16:00-17:40	Arrault	Alain	The first Latin translation of a Chinese annual calendar			
	Bayuk	Dimitri	Ancient Chinese Astronomy in Soviet Scholar and Popular Publications after 1949			
	Chang	Hao	Research on Metallurgical Translations during the Westernization Movement in the late Qing Dynasty -- "Baozang xingyan", "Yinkuang zhinan" and "Lianjin xinyu" as Case			
	Chuang	Huichih	The Sino-Indian exchanges seen through the images of the star gods of the 28 Lunar Mansions			
	Lai	Yi-ting	Translation of western agronomic knowledge in Chinese agronomy publications			
	Yang	Wei-Ting	Congling, an Overlooked "Cosmic Mount" of East Asian Cartography: Traditional Chinese and East Asian Buddhist cosmographies in interaction			
	Ying	Jia-ming	Yi Sang-Hyök's 李尙燾 understanding and innovations about the Sino-Western algebraic method Jiegenfang 借根方 as seen in his Chagünbang Monggu 借根方蒙求 (1854)			
	Hsu	Shu-Wei	The Historical Intersection of Kaoju Xue and Science			
	Wang	Tzu-Jung	How to translate a Western pharmacopeia? The understanding and strategy of Ranpō physician Hashimoto Soukichi			
	Volkov	Alexei	(Mis-)Interpretation of Euclidean Logical Procedures in Matteo Ricci's and Xu Guangqi's Translation of the Elements			
63, Women and Medicine						
Thursday, 24th August 14:00-15:40	Lee	Hyunsook	The Discrimination of Women's Doctors in the middle of the 20th century Korea			
	Huang	Yongyuan	Soft Hearts for the World: The Hackett Medical College for Women and the Localization of the Female Medical Profession in Modern China			
	Sato	Noriko	The Development of Midwifery in Modern Japan			
	Kim	Ji-myung	The Diseases and the Treatments of Empress Min(1851-1895) in the 1882 June Diary			
	Hong	Jungwook	The Diseases and the Treatment of Empress Min(1851-1895) in the 1882 June Diary			
64, Ferdinand Verbiest (南懷仁. Nan Huai ren), impact of Western knowledge as a framework for observing, understanding and predicting the Chinese Heaven						
Monday, August 21st, 14:00-15:40, 16:00-17:40	Zhang	Nan	Ferdinand Verbiest's Armillary Sphere : Emperor Kang xi's Cosmic Model in the 17th Century			
	Shi	Yunli	The Emperor's Astronomical Realia: Verbiest's Introduction of the Planisphere into China			
	Ge	Yeijing	Calculating and Mapping the Disposition of Future Heavens: Ferdinand Verbiest's Weather Forecasting and Its Termination During the Qing Court (1669-1680)			
	Zhu	Haohao	Struggle and Comprise: the New Study on Ferdinand Verbiest's Three Treatises about Chinese Divination			
	Ji	Chen	The compilation of tables for eclipses from Johann Adam Schall von Bell to Ferdinand Verbiest			
	Cullen	Christopher	Studying calendrical astronomy in a time of COVID, or 一麟半爪 [reconstructing] the mythical Lin beast from half a claw]			
65, Metallurgical Technologies in Ancient China						
Thursday, 24th August, 09:00-10:40, 11:00-12:40, 14:00-15:40, 16:00-17:40; Friday 25th August, 14:00-15:40	Huang	Huang	The Peak of Metal Decoration Techniques in China from the Warring States Period to the Han Dynasty: the Art of Cuo Gold and Silver			
	Mei	Jianjun	Scientific Studies of Mirror Finds in Bronze Age Xinjiang			
	Xi	Yufeng	The Peak of Metal Decoration Techniques in China from the Warring States Period to the Han Dynasty: the Art of Cuo Gold and Silver			
	Zeng	Guojing	The Peak of Metal Decoration Techniques in China from the Warring States Period to the Han Dynasty: the Art of Cuo Gold and Silver			
	Su	Rongyu	A Study of Bronze Sword in Early China, Alloy, Manufacture and Function---with a comparison of bronze sword in early Eurasia			
	Zhang	Wenjie	The Tone List and Arrangement of Zeng Gong Qiu Chimes Based on Sound Measurement Work			
	Huang	Chao	Ancient Bronze Implements in the Greater Bay Area of South China: A Historical and Archaeometallurgical Study			
	Chen	Beichen	From 2-D to 3-D: a change of method on the study of bronze inscriptions, and its impact on the study of craftsmanship in bronze			
	Lu	Jingjing	Rethinking of soldering technology in early Chinese bronze making tradition			
	Chen	Jianli	North-South Exchange of Bronze Resources 金道錫行 and Investigation into the			
	Liu	Siran	New copper ores and the rise of great Shang bronze metallurgy			
	Peng	Peng	Piece Molds or Lost Wax? Casting Diatrete Ornamentation in Early China			
	Dong	Yiyan	Technological studies of bronze casting moulds in the Western Zhou Period			
	Zou	Guisen	New copper ores and the rise of great Shang bronze metallurgy			
	Liu	Yu	The Joining Method of Bronze Vessels in the Pre-Qin Period of China			
	Jin	Pujun	Lost Fibre: Casting Methodologies of the Ba Culture			
	Zou	Guisen	New copper ores and the rise of great Shang bronze metallurgy			
Takafumi	Niwa	A Reconstruction of the Melting Furnace of Houma Bronze Foundry Site: From East Asian Perspective				
66, The Impact of Place on Knowledge Production (960-1911)						
Friday 25th August, 14:00-15:40, 16:00-17:40	Lin	Fan	Compromised Empiricism: Visual Culture of Materia Medica in Song China			
	Huang	Yijun	Maps of Jingdezhen: Three Faces of the City in the Qing Dynasty			
	Gao	Keli	New Perspectives on the Production of Metallurgy Knowledge			
	Mueller	Doreen	Renegotiating notions of place and prosperity in urban knowledge of whales and whaling in early modern Japan			
	Jin	Lianyu	Brick Kilns in the Three Ming Capitals: Firing Technology, Supply Networks, and Transmission			
67, The Historical Background in China and Southeast Asia of Resource Extraction and the Contemporary Environmental Crises of Deforestation and Biodiversity Loss						
Thursday, 24th August, 09:00-10:40, 11:00-12:40	Thompson	Michele	Loss of Indigenous Knowledge Equals Both Deforestation and Biodiversity Loss:			
	Bello	David	The Contradictory Dynamics of Water Control in Late Imperial China			
	Biggs	David	Carbon Politics, Nationalism and the Gazogene in Saigon			
	Clancy	Gregory	What's so Traditional About Animal-Based Medicines ? : Faunal Medicalization as an Asian and Global Industry			
	Kim	Nanny	Changjiang boats and deforestation: A long-durational exploration on the loss of forests, boatbuilding technologies and indirect government pressure			
68, Indigenous Resources and Medicines of the Borderlands in Russia and China: Preserved Knowledge, Cross-Regional Science, and Exploited Nature						
Thursday, 24th August, 14:00-	Springer	Lena	Medicines of the Qinling Mountain Range: Scientists tackling indigenous resources of a Northwestern-Southwestern borderland in China			

15:40	Chee	Liz P.E.	Saiga Antelope Drink: A History of the Trade and Supply of Saiga Horns for Chinese Medicine				
	Zheng	Hong	Saiga Antelope Drink: A History of the Trade and Supply of Saiga Horns for Chinese Medicine				
	Chudakova	Tatiana	Bitter Essences: the Pharmacopolitics of Artemesia				
	Shen	Yubin	Herbal Medicinal, Natural Resource, and Global Commodity:				
69, Conflict and Complexity of Scientific and Cultural Communication between Modern China and the West in Ming and Qing Dynasty							
Thursday, 24th August, 09:00-10:40, 11:00-12:40	Nie	Fuling	Translation Strategies : Translating Electricity into Dianqi (电气) in The Philosophical Almanac				
	Ding	Zhaojun	The absorption and expression of western optical knowledge in encyclopedia of late Qing dynasty				
	Jiang	Hongjun	Experimentation and Demonstration: An Analysis of the Changed Narrative Centre in the Translated Works of Physics in the Late Qing Dynasty				
	Wang	Yinquan	Textual Research on Kangxi's Geodetic Surveying and Mapping and the Western Transmission of Kangxi's Imperial Atlas of China				
	Yang	Shimin	Reconstruction of Western Physics by Encyclopedias in the Late Qing Dynasty				
	Zhang	Hang	Government Control and Non-governmental Reaction: A Case Study on Private Radio Manufacturing and the Development of Amateur Radio in China (1912-1949)				

Individual Panels	Last Name	First Name	Paper Title
1. Issues of East Asian Astronomy			
Tuesday, 22nd August, 11:00-12:40	Zhang	Wen	362, Integration and Improvement -- The Study of "Xiaozhang-method" by Chinese and Japanese scholars from the 17th to the 19th Century
	Kim	Sang Hyuk	396, The 15th-century relic Ilseongjeongsui (Sun-and-Stars Time-Determining Instrument) and the Significance of its Production
	Mihn	Byeong-hee	co-author
	Lee	Yong Sam	co-author
	Mihn	Byeong-hee	398, Joseon's Armillary Clock in the 18th century
	Kim	Sang Hyuk	co-author
	Yun	Yong-Hyun	co-author
	Ki	Ho Chul	co-author
	Ahn	Young-Sook	co-author
Lee	Ki-Wen	co-author	
2. Modern uses of East Asian astronomical data			
Thursday, 24th August, 09:00-10:40	Nam	Kyounguk	444, On the restoration model of Nam, Byoung-chul's armillary sphere in the 19th century Korea
	Park	Daeyoung	co-author
	Kim	Sang Hyuk	co-author
	Mihn	Byeon-hee	co-author
	Choi	Hong-soon	co-author
	Yoo	Geoyoung	co-author
	Tian	Yuxin	354, The Translation and Use of Ancient East Asian Guest Star Records in Europe in the 19th Century
	Ahn	Sang-Hyeon	464, Determination of the observational epochs for the major Chinese sky survey data
3. Medicine, war and revolution			
Friday 25th August, 14:00-15:40	Chen	Po-Hsun	355, Negotiating Toxicities with herbs for the Nation-state in Taiwan after Second World War
	Chen	Changyu	364, How 'Lujian' Became a Remedy?
	Xiong	Weimin	co-author
4. Ethnomedicine and its transnational practices			
Friday 25th August, 14:00-15:40	Zhang	SiQin	484, Recordings and Communications of Ethnobiological and Ethnomedicinal Related Knowledge of the Mongols in the Scientific Popular Magazine SCIENCE in Mongolian Version During the Past 40 Years
	Khasbagan		co-author
	Hung	Tsung Jen	441, Traditional Indonesian medicine in Taiwan: the suffering of women, the secrets, and the re-enchantment of traditional medicine
	Mundelius	Patricia	513, Small-scale collaborations in transnational Sowa Rigpa practice between South Asia and Europe
5. Gynaecology, Obstetrics and Female Health			
Friday 25th August, 16:00-17:40	Beck	Anna Lisa	424, From Determinism to Diagnosis: Gynaecological Discourse in Early Chinese Medical Texts
	Choi	Heesoo	492, Institutionalizing Ultrasonography, Transforming Pregnancy: Dissemination of Prenatal Ultrasonography in Korean Obstetrics, 1960s-1990s
	Chen	Wenhao	427, Christianity and Elite Women: Margaret Sanger's birth Control in Taisho Japan and Republican China (1920s)
6. Medicine in traditional China			
Tuesday, 22nd August, 14:00-15:40	Feng	Yuchen	488, An Etiological Myth: the Entanglement between Corpses and Worms in Medieval China
	Jin	Yuqin	399, Crisis and Entanglement: Development and Transformation of Kampo Medicine from the Meiji to the Taisho Period in Japan— the modernization of Traditional Chinese Medicine under the Great Game
	Luo	Chunhao	493, Abnormal Environment and Universal Medical Knowledge at the Edge of Empire: Zhang 彜 in Southern Song Lingnan 嶺南
7. Assessing Body and genes in modern East Asia			
Thursday, 24th August, 11:00-12:40	Bu	Liping	377, Thrust of New Concepts and Crisis of the Old: Understanding the Human Body and Health in Early 20th-Century China
	Tsai	Yu-Yueh	382, One Drop of Indigenous Blood: the Rediscovery of Taiwanese Ancestry and Genealogical science
	Zhang	Ziyue	443, A historical study on the measurement of physiological standards in the Late Qing Dynasty and the Republic of China

8. Epistemic Genre as Conceptual Tool in Chinese Medical History (I)			
Monday, August 21st, 11:00-12:40	Hanson	Marta	457, Ritual Healing Through Finger Sealing: Jue (訣) as techniques (“Tricks”) and genre (“Tricks of the Trade”) 7th-11th centuries
	Chen	Wei	459, Travel Medicine along the Premodern Silk Road in the Perspective of Medical Landscape
	Goldschmidt	Asaf	476, Ancient Canons vs. Contemporary Practices – Medical Practice in China during the Twelfth Century
9. Epistemic Genre as Conceptual Tool in Chinese Medical History (II)			
Monday, August 21st, 14:00-15:40	Prackwieser	Joachim	491, Standardization vs. multiplicity of medical recipe compositions – a computational reconstruction of the genealogy of TCM recipes
	Gao	Shanshan	428, The Creation of Chinese Medicine’s Basic Theory Textbooks in Maoist China
	Du	Ruixuan	435, Image-Form (tuxing) as didactic, epistemic, and predictive: Chen Shigong’s empirical knowledge in Orthodoxy of External Medicine (Waike zhengzong, 1619)
10. Science, Medicine and Natural Philosophy in Late Imperial China			
Monday, August 21st, 16:00-17:40	Zhu	Hailin	358, Through otherness: New Interpretation of Fang Yizhi’s Comment on Western Learning of “Being bad at Tongji”
	Zheng	Xinyu	383, Classic, Diagram, and Table: Visual Representations of the Theory of the Five Phases and Six Influences (Wuyun liuqi五運六氣)in Chinese Medical Texts
	Yu	Jia	497, Nation and Nature: Studies of Bowu in Early Twentieth Century
11. Military and the application of science in modern East Asia			
Tuesday, 22nd August, 14:00-15:40	Lim	Chaisung	376, The Army and Spanish Influenza: The Japanese Experience in East Asia
	Büttner	Clemens	507, Engaging with an “obsolete” concept: The professional reception of trench warfare tactics in China after World War I
	Bai	Suting	450, Research, Development and Application of Bupleurum Injection in Taihang Resistance Base in 1941
12. Scientific exchanges in Modern East Asia			
Tuesday, 22nd August, 11:00-12:40	Wang	Lei	445, Chinese graduates of Tokyo Higher Technical School in the modernization of Chinese industry,1904-1924
	Yang	Jian	co-author
	Zang	Longkai	431, On the Reception of Sinanthropus pekinensis in Modern Japan
	Zhang	Xiaoxue	365, Japanese scholar Tsuruichi Hayashi’s academic exchanges with China
	Dai	Qin	co-author
13. Mathematical Traditions of East Asia (I)			
Monday, August 21st, 11:00-11:40	Xu	Zelin	359, The Zhusuan (Abacus) Culture in Edo Japan
	Yang	Xintong	360, Research on the Origin of Mei Wending’s Extraction Method of the Root of Affected Square
	Wang	Youjun	373, Why was “Probability” translated into “Jueyi Mathematics” (決疑數學) in late Qing Dynasty?
14. Mathematical Traditions of East Asia (II)			
Monday, August 21st, 14:00-15:40	Wagner	Donald B.	409, The development of the classical Chinese algebra of polynomials
	Takemasa	Yasufumi	415, The Mathematical Study of Arima Yoriyuki
	Wang	Sichen	430, The Evolution of Traditional Chinese Multiplication and Division Operations from the Perspective of DingWeiFa
15. Historiography of Chinese Science			
Friday 25th August, 14:00-15:40	Liu	Xiao	361, Explore the Answers to the Needham Question Basing on Zhu Kezhen’s Articles
	Xu	Fanqi	437, The History of Science and the Shift in Zhu Kezhen’s Political Thought
	Wen	Changfei	429, A preliminary study on Alexander Wylie’s annotated catalogue of the astronomy and mathematics division in the Notes on Chinese Literature
16. The history of epidemics and infectious disease			
Friday 25th August, 16:00-17:40	Lan	Yiqian	408, "The Scourge of Clams" : the Epidemic of Hepatitis A and the Controversy over the Culling of Clams (1982-1990)
	Hwang	Kyoryen	465, The Mutant People: “Experimental Typhoid” and Vaccine Development by Keio Bacteriologists, 1930-1960
	Liu	Qiman	486, From Wartime to Peacetime : The Historical Rise and Fall of Chinese Infectious Disease Hospitals (1945-2003) — Taking Beijing Ditan Hospital as an Example
17. Science in the public			
Tuesday, 22nd August, 14:00-15:40	Wang	Ying	381, The Construction and Transformation of the Image of Scientists in Movies
	Shin	Hyangsuk	458, Unfulfilled Scientists’ Dream: Ideals and Reality for the National Museum of Natural History in South Korea

	Mao	Yishu	472, Turbulent Transmissions: The Public Roles of Scientists During the Early Covid-19 Crisis in China
	Ahlers	Anna L.	co-author
18. Medicine between tradition and modernity			
Thursday, 24th August 16:00-17:40	Chen	Qi	419, Discussion on Traditional Chinese Medicine's Right to Apply Modern Medical Technology from the Stethoscope Prohibition
	Stanley-Baker	Michael	511, Polyglot Asian Medicines: A Digital Environment for Studying the Past, Present and Future
	Ji	Xiang	466, Inheritance and Transformation: the Management Policy of Traditional Chinese Medicine Practicing Certificate in Peking During the Japanese Occupation
19. Botany and sericulture in China			
Thursday, 24th August, 11:00-12:40	Wei	Luling	447, On the Techniques of Mulberry Planting and Silkworm Growing in South China
	Wurchaih		438, A Preliminary Study on the History of Plant Expedition in Ho-lan Mountains —1871 to 1940
	Khasabagan		co-author
	Ni	Genjin	448, On the Knowledge, Usage and Distribution of Fish Line Silkworm In History
20. Surveying Techniques and cartography			
Thursday, 24th August, 09:00-10:40	Wang	Shen	505, Hydrographic Survey and Tide Control of the Qiantang Estuary During the Qianlong Reign of the Qing Dynasty
	Wang	Qianjin	481, The Specific Operations of Squared-scale A Traditional Chinese Mathematical Map Drawing Method Which Is Different From Western Map Projection
	Yang	Wei-Ting	471, A preliminary study of the methods of remote surveying developed in traditional Japanese mathematics
	Volkov	Alexei K.	co-author
21. Dealing with psychic problems and emotions in traditional China			
Thursday, 24th August, 16:00-17:40	Zhang	Ying	400, Managing Anger as an Occupational Hazard in the Ming (1368-1644)
	Mai-Thi	Minh Khai	401, Mild Breezes and Ravaging Storms: On the Parallelism of Weather and Emotions in Medical Literature
	Middendorf	Ulrike	402, Sound and Movement in Mourning: The Regulation of Vocal and Bodily Expression in Times of Emotional Crisis
22. Multilingualism, dictionaries and the sciences			
Tuesday, 22nd August, 14:00-15:40	Muenning	Mariana	422, What is a Word? Units of Meaning in Early and Mid-Twentieth Century Dictionaries
	Siebert	Martina	487, Technologies of the Humanities: an exploration into Christian Mentzel's engagement with things Chinese
	Han	Mingyue	473, Continuity and Change: The Evolution of China's English-language Scientific Journals across Different Historical Periods
23. Natural environment and ecology			
Thursday, 24th August 14:00-15:40	Yao	Qin	451, Why did China allow environmental thought to sprout and spread in the 1970 s? -An investigation based on environmental science popularization books
	Wu	Qifang	418, Forests and Borders: A Study on the Investigation of Forestry Resources in the Yalu River Basin Before the Russo-Japanese War
	Dingding	Hong	403, Josiah Dwight and Chinese Geology
24. Medical Practices in modern East Asia			
Thursday, 24th August, 09:00-10:40	Qiu	Huiwen	410, Temple Prescription: Research on Yaoqian Based on STS Perspective
	Zheng	Mingxuan	470, Vision of Revolution: The Global Context and Historical Roots of Eye Massage as a National Policy in Post-1949 China
	Kuo	Wen-Hua	420, In Search for the Right Point: Refashioning Acupuncture with Experiments and Standards
25. Pharmacology and Drugs in Republican and Wartime China			
Friday 25th August, 16:00-17:40	Fan	Rui	468, The Movement of "Western Medicine Practitioners Using National Drugs" and Its Meanings, 1929-1949
	Yao	Wuyutong	452, Making Modern Pharmaceuticals in Wartime China: E.N. Meuser, West China Pharmacy School and Pharmaceutical Sciences, 1928-1945
	Han	Xiaojing	432, Fighting for Survival in Crises: The Chinese Pharmacopeia Exhibition, Shanghai, 1942
26. Traditional Technologies of China			
Thursday, 24th August 14:00-15:40	Song	Puwen	446, Scientific and technological analysis of glazed pottery dog excavated from Capital city of the Zhu state, Zoucheng, Shandong Province

	Lu	Guoquan	co-author
	Lu	Yujing	502, Study on surface sizing of traditional Chinese Xuan paper: effect of bone glue on the properties and stability of Xuan paper
	Chen	Biao	co-author
	Ding	Yanwei	co-author
	Li	Weidong	380, Origin of Blue-and-White Porcelain Production in Ancient China
27. Animals and Veterinary Science			
Tuesday, 22nd August, 14:00-15:40	Perincek Karavit	Kiraz	414, Entangled between oral nomadic versus written Chinese traditions: Mehmed Siyah Kalem's horses
	Lei	Zhihua	375, Tongbenma (The bronze galloping horse): a "photograph" 1400 more years before photography
	Gao	Ce	co-author
	Peng	Jiahe	454, The evolution of knowledge of Przewalski's horses in the Anthropocene perspective
	Wei	Chen	co-author
28. Agriculture and plants			
Thursday, 24th August, 11:00-12:40	Fan	Huichuan	462, The Development of Tea industry in the Southwest China during the War of Resistance against Japanese Aggression
	Song	Yuanming	467, Qijia Xixue and the Introduction of Western Agricultural Knowledge in the Late Ming Dynasty
	Li	Hui	512, Exploring the Rice Cultivars in Large-scale Chinese Local Gazetteers: A Computational Approach
	Liu	Anhao	co-author
29. Engineering and Technology in Modern China			
Friday 25th August, 16:00-17:40	Wang	Mo	378, The Knowledge Flow of Armament Science and Technology in China from the Perspective of Academic Genealogy
	Liao	Yuanzhi	363, Vanishing Technological Revolution: Technological Practice in the Great Leap Forward Movement
	Chen	Hailian	456, The Art of Engineering Modern China: Technology and Late Qing Educational Reforms Revisited
30. Scientific exchanges in the modern period			
Monday, August 21st, 11:00-12:40	Tong	Yichen	439, Learn from the Soviet Union, or Not? A Study of the Advanced Class of Breeding and Seed Production of Field Crops by Beijing Agricultural University, 1955-1957
	Ye	Ziyi	co-author
	Luo	Xingbo	co-author
	Zheng	Lixuan	442, From "Small Fertilizer" to "Big Fertilizer"-A Study on the Introduction of West German Technology into China in the 1970s
	Zhang	Li	co-author
	Takuwa	Yoshimi	460, Reevaluating the role of Japanese students' supervisors in the West in 1870s: scientific books and instruments imported by Taizo Masaki
	Hashimoto	Shingo	co-author
31. Scientific exchanges and transnational images			
Monday, August 21st, 14:00-15:40	Zhang	Li	411, Supporting Science, Exporting Revolution: The Cuban Soil Institute and the Chinese Academy of Science 1960-1969
	Lei	Yu	490, A Study of Albert Einstein's Image of Transnationalism and Cosmopolitanism of Science Through his Visit to Japan in 1922
	Gropp	Harald	509, Chinese and European maps of the Far West (or East)
	Zhu	Yinzhen	479, The Restart of the Alexander von Humboldt Foundation's Funding Program in China in the 1970s
	Xiong	Weimin	co-author
32. The emergence of modern scientific disciplines			
Monday, August 21st, 16:00-17:40	Liu	Chao	423, The Model of the Soviet Union: The Setting up of Geography Disciplines in Peking University during the Early Days of New China
	Chen	Zhiguo	480, The Rise, Content and Value of Soil Investigation in Modern Guangdong
	Li	Shouchen	434, High-tech transfer and localization in the early stage of China's reform and opening up: Development and construction of Beijing Spectrometer (BES)
33. Issues in Public Health			
Monday, 21st August, 11:00-12:40	David	Mirela V.	Maternal Health Specialist in Republican China
	Chou	Jean Tzu-Yin	508, Rethinking the complexities and entanglements of Straits Chinese communities in colonial Singapore: discourses and advertisements of opium consumption and detoxification, circa 1830s-1930s.

	Liu	Yexin	389, Discontinuity and Coherence of the Public Health Practices in China Carried out by the Rockefeller Foundation in 1910s-1920s: From the project of Hookworm Disease Control to the Public Health Education
34. Calendrical sciences and Astronomy			
Monday, August 21st, 16:00-17:40	Wang	Zhangxiang	357, Objective and Method of Xu Guangqi's Calendar Reform in Late Ming China, 1629-1644
	Xiao	Yao	489, Study on Guo Shoujing's gnomon shadow measurement
	Liu	Niankai	co-author
35. Facettes of historiography of Science and Technology			
Tuesday, 22nd August, 11:00-12:40	Moll-Murata	Christine	504, Jiangzuo zeli (Handicraft regulations) and the Allocation of Scarce Resources in the Qing Dynasty
	Hsia	Florence C.	494, Making sense of Chinese astronomy in early modern Europe
	Hofmann	Martin	433, The Glorious 82? Reflections on the Artisans Singled Out in the Qinding gujin tushu jicheng
36. Printing and Visibility			
Thursday, 24th August, 11:00-12:40	Yang	Tiande	514, Comparison of the Technology and Dissemination of Early movable Type Printing in China and Germany
	Ma	Xi	482, Under the Microscope: Visible Minerals in Mineralogy and Popular Science in Modern China
	Kim	Hwaseon	394, Selection and activation of Metal type printing in the early Joseon Dynasty: Focusing on the Characteristics Analysis of Metal Type Printing Records and Printed books in the Early Joseon Period
37. The Localisation of Modern Medicine			
Thursday, 24th August, 14:00-15:40	Wei	Qinghua	501, Making up Modernity : Lead-free Cosmetics and the Construct of Ideal Beauty in China, 1910-1937.
	Zheng	Weijiang	449, Localization of Dentistry in Modern China --- Taking The journal of dental medicine as the center
	Fan	Chenglin	417, Technology, Ideas, and Practice: Blood Transfusion in the Republic of China Period
38. Technologies in Circulation			
Friday 25th August, 14:00-15:40	Canavas	Constanstin	436, Gifts and Technology in West-East diplomacy: Harpsichords in periods of crisis and disruption
	Tang	Haochun	407, An Elementary Study of Mughal Porcelain Hookah Base
	Zhan	Jia	co-author
	Gao	Ce	393, The mystery of new archaeological discoveries at the site of Subashi Buddhist temple
	Su	Shanwu	co-author
	Qin	Jinxin	co-author
	Yang	Yang	co-author
39. Popularisation of Science			
Thursday, 24th August 16:00-17:40	Chen	Ting	356, Enlightenment and Imagination: The Dissemination and Influence of Mars in Modern China
	Bao	Sarena	477, Nobel Laureate Who Had Worked in Many Companies -A Case Study of Leo Esaki
	Yong	Mei	co-author
	Nahmias	Noa	495, Popular science for who? Constructing audiences and knowledge in Republican China.
40. Mathematics and Physics			
Tuesday, 22nd August, 11:00-12:40	Yang	Yang	392, A study of the Haas effect in the Ming dynasty opera stage of Jiayi Temple--and a discussion of why a full-time conductor was not used to sing in the ancient opera stage?
	Zhai	Xiaoduo	co-author
	Gao	Ce	co-author
	Ren	Shijun	co-author
	Li	Xudong	405, On the invention of Zhu Zaiyu Equal Temperament from the perspective of Innovation
	Peng	Peng	483, The history of human understanding of phase factors
	Zhang	Xinhua	co-author
	Wei	Qing	co-author
41. Medicine in Modern East Asia			

Tuesday, 22nd August, 14:00-15:40	Seo	Narae	Decentralization, Empowerment, and the Cold War: Educational Fund of China Medical Board and a Case of Kyungpook National University in South Korea, 1953-1974
	Shin	Miyoung	395, The assistance of China Medical Board(CMB) and the formation of medical research resources in Korea in the 1950-70s
	Staack	Thies	469, One genre, many forms: Medical recipes and recipe books in 19th and early 20th century China
42. Science Policy and Institutions			
Thursday, 24th August, 09:00-10:40	Luo	Xiaofan	498, An Exploration of the Cultural and Technical Remedial Work of Young Workers in the Early Reform and Opening-up Period--Centred on Shanghai's Little Three Lines
	Chua	Jiakai Jeremy	499, A Handover in the Empire of the Air: China's Infrastructural State v. Cathay Pacific
	Liu	Zhaoyang	474, Rewards for young scientific and technological talents in China-A comparative study
43. Science between philosophy, propaganda and politics			
Thursday, 24th August, 11:00-12:40	Lin	Windson J.	461, The Making of Shenjing Shuairuo in Chinese Medicine: the Emergence of an Actor-category in Republican China
	Zhang	Shuo	475, Between Science, Propaganda, and Politics: a Study on the Wang Manxin Affair (1981-1990)
	Xiong	Weiming	co-author
	Diao	Shan	500, Psychology as a Bridge between Philosophy and Science: using the Example of Hans Driesch's Lectures on Problems of Modern Psychology (1923)
44. Constructing technological and scientific monuments			
Thursday, 24th August 14:00-15:40	Hu	Yi-Fan	496, Making China's Monuments: Transnational Travellers, Travel Patterns, and Famous Sites, 1840-1930
	Lin	Yiqing	421, Mining Industry Structure and Mining-Metallurgy Works in the 18th and 19th Centuries China: Focusing on "Dian nan kuang chang tu lue"
	Lee	Janet	384, Science Education for Girls in Korea, 1886-1910
45. Applied science and technology in historical perspective			
Tuesday, 22nd August, 11:00-12:40	Sudu	Bilige	406, The Design and Fabrication of the First Heping type Steam Locomotive
	Yong	Mei	co-auhtor
	Huang	Jianan	416, History as the Driver of Scientific Research: A Marginalised Tradition in the Chinese Historiography of Science
	Zeng	Dian	co-auhtor
	Li	Yang	463, Antibiotic Technoscape: An Entangled Pharmaceutical Network in China and Beyond
46. Appropriating science and technology in Post-WW II East Asia			
Thursday, 24th August, 16:00-17:40	Wang	Tao	387, The Early Founding of Computational Mathematics as a Discipline in the People's Republic of China
	Liu	Jinyan	388, Neutrino Physics: a comparative study of reactor experiments for neutrino oscillation in Asian countries
	Wang	Fang	390, The V-2 Technology Transfer from the USSR to China
47. History and historiography of technology in China			
Tuesday, 22nd August, 11:00-12:40, 14:00-15:40	Huang	Xing	385, Review of Twenty-Six Volumes of History of Science and Technology in China
	Guan	Xiaowu	co-author
	Huang	Xing	386, The Tiede Zhi and Iron-steel Smelting Technology at the Zunhua Ironworks during the Ming Dynasty
	Lu	Huanhuan	Rural Electrification In the People's Commune Campaign