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Time	Activity/Event	Room
08:30-10:00	**WORKSHOP 708** Establishing a Smart Phone Enabled Chronic Disease Management Model in a Tertiary Hospital in China *Ping Yu, Ning Deng, Zhenye Li, Fang Liu, Zheyu Wang*	206
08:30-10:00	**WORKSHOP 691** Future Directions in mHealth Research *Pauline Whelan, Zhi Li, Linbo Qing, Yanmei Yu, Guochao Alex Peng, John Ainsworth*	207
08:30-10:00	KNOWLEDGE MANAGEMENT 5: **International co-chair: Cas Kulikowski** **Chinese co-chair: Zhi Yang** 31 An Ontology-based Approach to Estimate the Frequency of Rare Diseases in Narrative-Text Radiology Reports *Charles Kahn* 537 From Patient Discharges Summaries to an Ontology of Pyschiatry *Marion Richard, Xavier Aimé, Marie-Odile Krebs, Jean Charlet* 525 Summarizing an Ontology: A "Big Knowledge" Coverage Approach *Ling Zheng, Yehoshua Perl, Gai Elhanan, Christopher Ochs, James Geller, Michael Halper* 188 Application of Ontology Technology in Health Statistic Data Analysis *Fan Yu, Minjiang Guo, Hongpu Hu, Xingyun Lei* 414 Evaluation of the Association between Different Patient Indexing Strategies and Effective Indexing in Health Centers of the Public System of the Autonomous City of Buenos Aires. An Exploratory Study *Maria Victoria Giussi, Santiago Esteban, Cecilia Palermo, Leandro Alassia, Analia Baum, Fernan Gónzalez Bernaldo de Quirós*	302
08:30-10:00	HEALTH DATA SCIENCE 14: **International co-chair: Ursula Hubner** **Chinese co-chair: Jiao Li** 588 Phenotyping and Visualizing Infusion-Related Reactions for Breast Cancer Patients *Deyu Sun, Gopal Sarda, Steven Skube, Anne Blaes, Saif Khairat, Genevieve Melton, Rui Zhang* 338 A Hybrid Method for ICD-10 Auto-coding of Chinese Diagnoses *Zheng Jia, Weifeng Qin, Huilong Duan, Haomin Li* 301 Locally Adaptive Operators for Red Lesions Detection in Eye Fundus Images *Luisa Dri Bagesteiro, Daniel Welfer, Marcos d Ornellas, Juliano F. Kazienko, Carlos Jesus Pereira Haygert, Gustavo Dotto* 168 A Semi-automatic Framework to Identify Abnormal States in EHR Narratives *Xiaojun Ma, Takeshi Imai, Emiko Shinohara, Ryota Sakurai, Kouji Kozaki, Kazuhiko Ohe* *620 Retrofitting Concept Vector Representations of Medical Concepts to Improve Estimates of Semantic Similarity and Relatedness* *Zhiguo Yu, Byron Wallace, Todd Johnson, Trevor Cohen*	303
08:30-10:00	Panel 710 Advancing High-Quality Degree Programs in Health Informatics for Low- and Middle-Income Countries *Philomena Waruhari, Christoph Lehmann, William Hersh, Frank Verbeke, Martin Were*	401
08:30-10:00	**WORKSHOP 732** Clinical Information Model Patterns – The Complexity of Health Record Requirements *Silje Ljosland Bakke, Heather Leslie*	402
08:30-10:00	Panel 738 Integrating Science of Data with Science of Care for Interpreting Patient Need: Opportunities and Challenges in the New Era of Cognitive Healthcare Solutions *Anne Moen, Sabine Koch, Thomas Wetter, and Pei-Yun Sabrina Hsueh*	403
08:30-10:00	Panel 701 eMental Health Through a Global Lens: Principles and Practices in Different Contexts *Kendall Ho, Melvyn Zhang, Sally Chan, Jie Li, JianLi Wang*	404
10:00-10:30	Coffee/tea break and Exhibition	Exhibition Area
10:30-12:00	Panel 689 International Initiatives to Support Health Aging *Greg Alexander, Andrew Georgiou, George Demiris, Anne Moen, Johanna Westbrook, Mary Alexander*	206
10:30-12:00	**WORKSHOP 690** Preparing the Next Generation for Information and Communications Technology ena-bled Healthcare *Shashi Bhushan Gogia, Oommen John, Magdala de Araujo Novaes, Gunnar Hartvigsen, Jai Ganesh Udayasankaran, M Sriram Iyengar*	207

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10:30-12:00	QUALITY AND SAFETY, AND PATIENT OUTCOMES 9: **International co-chair: Siaw-Teng Liaw** **Chinese co-chair: Xuekun Song** 391 Development of a Service-Oriented Sharable Clinical Decision Support System Based on Ontology for Chronic Disease *Yong Shang, Yu Wang, Ling Gou, Chengkai Wu, Tianshu Zhou, Jing-song Li* 459 Reliability of Health Information on the Web Celia Boyer, Arnaud Gaudinat, Allan Hanbury, Ron D. Appel, Marion Ball, Michel Carpentier, Jan H. van Bemmel, *Bergmans Jean-Paul, Denis Hochstrasser, Donald Lindberg, Randolph Miller, Jean-Claude Peterschmitt, Charles Safran, Michèle Thonnet, Antoine Geissbuhler* 645 Characterizing Restorative Dental Treatments of Sjogren's Syndrome Patients Using Electronic Dental Records Data *Zasim Azhar Siddiqui, Payal Makkad, Thankam Thyvalikakath,Y Wang* 676 Effective Usability Engineering in Healthcare: A Vision of Usable and Safer Healthcare IT *Andre Kushniruk, Yalini Senathirajah, Elizabeth Borycki* 402 CD-KES: An Ontology Based Knowledge Education System for Patients with Chronic Diseases and Its Constructing Approach *Chengkai Wu, Ling Gou, Yu Wang, Yong Shang, Yu Tian, Jing-song Li*	303
10:30-12:00	HUMAN, ORGANIZATIONAL, AND SOCIAL ASPECTS 5: **International co-chair: Thomas Wetter** **Chinese co-chair: Shaodian Zhang** 235 Mutual Learning and Exchange of Health Informatics Experiences from Around the World - Evaluation of a Massive Open Online Course in eHealth Sabine Koch, Maria Hägglund 562 50th Anniversary International Medical Informatics Association (IMIA) History Book: Goals and Preview *Casimir Kulikowski, George Mihalas, Robert Greenes, Valerio Yacubsohn, Hyeoun-Ae Park* 551 Digital Health and Welfare Service Development in an International Multidisciplinary Student Team *Outi Ahonen, Elina Rajalahti, Jonas Tana, Gun-Britt Lejonqvist, Ulla-Mari Kinnunen, Kaija Saranto* 465 What do They Mean by 'Health Informatics'? Health Informatics Posts Compared to Program Standards *Josette Jones, Enming Zhang, Anand Kulanthaivel* 93 The Australian Health Informatics Competencies Framework and its role in the Certified Health Informatician Australasia (CHIA) Program *Fernando Martin-Sanchez, David Rowlands, David Hansen, Louise Schaper* 153 The New HIT: Human Health Information Technology *Tiffany Leung, Mary Goldstein, Ruth Cronkite, Mark Musen, Jonathan Chen, Assaf Go, Eran Leitersdorf*	401
10:30-12:00	WORKSHOP 222 Online Learning in Health Informatics – Success Factors and Challenges *Nicolette de Keizer, Elske Ammenwerth, Damian Borbolla, Sabine Koch, Ronald Cornet, Shabbir Syed Abdul*	402

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12:00-12:45	Lunch and exhibition	Lunch and Exhibition Area
12:45-14:30	Keynote 4 Precision Global Public Health Informatics in Africa *Christopher Seebregts* Closing ceremony (plenary) ● Best Paper Award	4F-Plenary Hall