

MedInfo 2017 Program

vers 4.2(2017-08-21)

25-Aug-17

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 <i>Ping Yu, Ning Deng, Zhenye Li, Fang Liu, Zheyu Wang</i>	206
08:30-10:00	WORKSHOP 691 Future Directions in mHealth Research <i>Pauline Whelan, Zhi Li, Linbo Qing, Yanmei Yu, Guochao Alex Peng, John Ainsworth</i>	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 <i>Charles Kahn</i> 537 From Patient Discharges Summaries to an Ontology of Pyschiatry <i>Marion Richard, Xavier Aimé, Marie-Odile Krebs, Jean Charlet</i> 525 Summarizing an Ontology: A "Big Knowledge" Coverage Approach <i>Ling Zheng, Yehoshua Perl, Gai Elhanan, Christopher Ochs, James Geller, Michael Halper</i> 188 Application of Ontology Technology in Health Statistic Data Analysis <i>Fan Yu, Minjiang Guo, Hongpu Hu, Xingyun Lei</i> 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 <i>Maria Victoria Giussi, Santiago Esteban, Cecilia Palermo, Leandro Alassia, Analia Baum, Fernan González Bernaldo de Quirós</i>	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 <i>Deyu Sun, Gopal Sarda, Steven Skube, Anne Blaes, Saif Khairat, Genevieve Melton, Rui Zhang</i> 338 A Hybrid Method for ICD-10 Auto-coding of Chinese Diagnoses <i>Zheng Jia, Weifeng Qin, Huilong Duan, Haomin Li</i> 301 Locally Adaptive Operators for Red Lesions Detection in Eye Fundus Images <i>Luisa Dri Bagesteiro, Daniel Welfer, Marcos d Ornellas, Juliano F. Kazienko, Carlos Jesus Pereira Haygert, Gustavo Dotto</i> 168 A Semi-automatic Framework to Identify Abnormal States in EHR Narratives <i>Xiaojun Ma, Takeshi Imai, Emiko Shinohara, Ryota Sakurai, Kouji Kozaki, Kazuhiko Ohe</i> 620 Retrofitting Concept Vector Representations of Medical Concepts to Improve Estimates of Semantic Similarity and Relatedness <i>Zhiguo Yu, Byron Wallace, Todd Johnson, Trevor Cohen</i>	303
08:30-10:00	Panel 710 Advancing High-Quality Degree Programs in Health Informatics for Low- and Middle-Income Countries <i>Philomena Waruhari, Christoph Lehmann, William Hersh, Frank Verbeke, Martin Were</i>	401
08:30-10:00	WORKSHOP 732 Clinical Information Model Patterns – The Complexity of Health Record Requirements <i>Silje Ljosland Bakke, Heather Leslie</i>	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 <i>Anne Moen, Sabine Koch, Thomas Wetter, and Pei-Yun Sabrina Hsueh</i>	403
08:30-10:00	Panel 701 eMental Health Through a Global Lens: Principles and Practices in Different Contexts <i>Kendall Ho, Melvyn Zhang, Sally Chan, Jie Li, JianLi Wang</i>	404
10:00-10:30	Coffee/tea break and Exhibition	Exhibition Area
10:30-12:00	Panel 689 International Initiatives to Support Health Aging <i>Greg Alexander, Andrew Georgiou, George Demiris, Anne Moen, Johanna Westbrook, Mary Alexander</i>	206
10:30-12:00	WORKSHOP 690 Preparing the Next Generation for Information and Communications Technology enabled Healthcare <i>Shashi Bhushan Gogia, Oommen John, Magdala de Araujo Novaes, Gunnar Hartvigsen, Jai Ganesh Udayasankaran, M Sriram Iyengar</i>	207

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10:30-12:00	<p>CONNECTED AND DIGITAL HEALTH 9: International co-chair: Maria Hägglund Chinese co-chair: Jia Li</p> <p>437 Development of Parkinson Patient Generated Data Collection Platform Using FHIR and IoT Devices <i>Dae Young Kim, Sun Ho Hwang, Jun Hyun Song, Min Gyu Kim, Shin Woong Lee, Il Kon Kim</i></p> <p>243 E-Health Literacy and Health Information Seeking Behavior among University students in Bangladesh <i>Md.Mohaimenul Islam, Tahmina Nasrin Poly, Phung-Anh Nguyen, Jakir Hossain Buiyan Masud, Yu-Chuan (Jack) Li, Shabbir Syed Abdul</i></p> <p>314 Looking for the Best WOW: Understanding the Nurses' Needs <i>Bibiana Schachner, Zulma Gonzalez, Rodrigo Cano, Daniel Luna, Sonia Benitez</i></p> <p>305 iT2DM Project: a Framework for Secondary Use of EHR Data for High-throughput Phenotyping in Diabetes <i>Yufang Wei, Yujuan Shang, Jie Wang, Defu He, Shengrong Zhou, Weixun Zhang, Lili Shi, Yalan Chen, Kui Jiang, Huiqun Wu, Jiancheng Dong</i></p> <p>66 Electronic health records in the cloud: improving primary health care delivery in South Africa <i>Liezel Cilliers, Graham Wright</i></p> <p>501 Establishment of New National Rare Disease (Nambyo) Registry in Japan. <i>Hiroshi Mizushima, Yoko Sato, Hiromitsu Ogata</i></p>	302
10:30-12:00	<p>QUALITY AND SAFETY, AND PATIENT OUTCOMES 9: International co-chair: Siaw-Teng Liaw Chinese co-chair: Xuekun Song</p> <p>391 Development of a Service-Oriented Sharable Clinical Decision Support System Based on Ontology for Chronic Disease <i>Yong Shang, Yu Wang, Ling Gou, Chengkai Wu, Tianshu Zhou, Jing-song Li</i></p> <p>459 Reliability of Health Information on the Web <i>Celia Boyer, Arnaud Gaudinat, Allan Hanbury, Ron D. Appel, Marion Ball, Michel Carpentier, Jan H. van Bommel, Bergmans Jean-Paul, Denis Hochstrasser, Donald Lindberg, Randolph Miller, Jean-Claude Peterschmitt, Charles Safran, Michèle Thonnet, Antoine Geissbuhler</i></p> <p>645 Characterizing Restorative Dental Treatments of Sjogren's Syndrome Patients Using Electronic Dental Records Data <i>Zasim Azhar Siddiqui, Payal Makkad, Thankam Thyvalikakath, Y Wang</i></p> <p>676 Effective Usability Engineering in Healthcare: A Vision of Usable and Safer Healthcare IT <i>Andre Kushniruk, Yalini Senathirajah, Elizabeth Borycki</i></p> <p>402 CD-KES: An Ontology Based Knowledge Education System for Patients with Chronic Diseases and Its Constructing Approach <i>Chengkai Wu, Ling Gou, Yu Wang, Yong Shang, Yu Tian, Jing-song Li</i></p>	303
10:30-12:00	<p>HUMAN, ORGANIZATIONAL, AND SOCIAL ASPECTS 5: International co-chair: Thomas Wetter Chinese co-chair: Shaodian Zhang</p> <p>235 Mutual Learning and Exchange of Health Informatics Experiences from Around the World - Evaluation of a Massive Open Online Course in eHealth <i>Sabine Koch, Maria Hägglund</i></p> <p>562 50th Anniversary International Medical Informatics Association (IMIA) History Book: Goals and Preview <i>Casimir Kulikowski, George Mihalas, Robert Greenes, Valerio Yacubsohn, Hyeoun-Ae Park</i></p> <p>551 Digital Health and Welfare Service Development in an International Multidisciplinary Student Team <i>Outi Ahonen, Elina Rajalahti, Jonas Tana, Gun-Britt Lejonqvist, Ulla-Mari Kinnunen, Kaija Saranto</i></p> <p>465 What do They Mean by 'Health Informatics'? Health Informatics Posts Compared to Program Standards <i>Josette Jones, Enming Zhang, Anand Kulanthaivel</i></p> <p>93 The Australian Health Informatics Competencies Framework and its role in the Certified Health Informatician Australasia (CHIA) Program <i>Fernando Martin-Sanchez, David Rowlands, David Hansen, Louise Schaper</i></p> <p>153 The New HIT: Human Health Information Technology <i>Tiffany Leung, Mary Goldstein, Ruth Cronkite, Mark Musen, Jonathan Chen, Assaf Go, Eran Leitersdorf</i></p>	401
10:30-12:00	<p>WORKSHOP 222 Online Learning in Health Informatics – Success Factors and Challenges <i>Nicolette de Keizer, Elske Ammenwerth, Catherine Staes, Sabine Koch, Ronald Cornet, Shabbir Syed Abdul</i></p>	402

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10:30-12:00	WORKSHOP 686 Artificial Intelligence in Medicine in China <i>Zhengxing Huang, Siwei Yu, Zhisheng Huang, Yiye Zhang, Jun Yan</i>	403
12:00-12:45	Lunch and exhibition	Lunch and Exhibition Area
12:45-14:30	Keynote 4 Precision Global Public Health Informatics in Africa <i>Christopher Seebregts</i>	4F-Plenary Hall
	Closing ceremony (plenary) ● Best Paper Award	