23-Aug-17	vers 4.2 (2017-08-21)	
Time	Activity/Event	Room
)8:30-10:00	WORKSHOP 729 Standards in Clinical Decision Support: Activities in Health Level Seven and Beyond <i>Robert Jenders, Klaus-Peter Adlassnig</i>	205
08:30-10:00	CONNECTED AND DIGITAL HEALTH 1: International co-chair: Umberto Tachniardi Chinese co-chair: Xiuhai Guo 415 Comparing Cancer Information Needs for Consumers in the US and China Zongcheng Ji, Yaoyun Zhang, Jun Xu, Xiaoling Chen, Yonghui Wu, Hua Xu 128 Preferred Design Features of E-mental Health Programs for Prevention of Major Depression in Male Workers: Results from a Canadian National Survey Jian-Li Wang, Kendall Ho 295 Consumer Health Informatics Aspects of Direct-to-Consumer Personal Genomic Testing Kathleen Gray, Remya Stephen, Bronwyn Terrill, Brenda Wilson, Anna Middleton, Rigan Tytherleigh, Clara Gaff, Jacqueline Savard, Chriselle Hickerton, Ainsley Newson, Sylvia Metcalfe 320 Development of Home-based Sleep Monitoring System for Obstructive Sleep Apnea Peirong Wu, Guan-Ting Chen, Yanyan Cui, Terry B.J. Kuo, Polun Chang 327 Serious Games for Parkinson's Disease Fine Motor Skills Rehabilitation Using Natural Interfaces Antonio Augusto Foletto, Marcos d Ornellas, Ana Lucia Prado 628 Multimodal E-Health Services for Smoking Cessation and Public Health: the Smokefreebrain Project Approach Panagiotis D. Bamidis, Evangelos Paraskevopoulos, Evdokimos Konstantinidis, Dimitris Spachos, Antonis Billis	206
08:30-10:00	 QUALITY AND SAFETY, AND PATIENT OUTCOMES 1 International co-chair: Patti Dykes Chinese co-chair: Haomin Li 514 Design of a Mobile application for Transfusion Medicine <i>Mario Alejandro Albornoz, Santiago Márquez Fosser, Luciana Rubin, Daniel Luna</i> 443 Bar-code Medication Administration at ICU: Learning from Our Nurses Thelma Gabriela Maydana, Liliana Julieth Giraldo Franco, Zulma Gonzalez, Bibiana Schachner, Daniel Luna, Sonia Benitez 79 Precision of EMR Data: The Case For a Drug and Alcohol Service Siyu Qian, Esther Munyisia, Ping Yu, David Hailey, David Reid 631 User-Centered Design Improves the Usability of Drug-Drug Interaction Alerts: a Validation Study in the Real Scenario Daniel Alejandro Rizzato Lede, Daniel Luna, Luciana Rubin, Carlos Otero, Juan Marcos Ortiz, Gabriela Garcia, Romina P Rapisarda, Marcelo Risk, Fernan Gónzalez Bernaldo de Quirós 152 Development of an Arden Syntax Clinical Foundation Framework for Event Monitoring in Intensive Care Units Jeroen Sebastiaan de Bruin, Julia Zeckl, Katharina Adlassnig, Alexander Blacky, Walter Koller, Andrea Rappelsberger, Klaus-Peter Adlassnig 448 Characterizing Surgical Site Infection Signals in Clinical Notes Steven Skube, Zhen Hu, Elliot Arsoniadis, Gyorgy Simon, Elizabeth Wick, Clifford Ko, Genevieve Melton 	207
)8:30-10:00	Panel 736 Measure and Improve Healthcare Quality: Small vs Big Data Analytics <i>Qing Zeng, Cynthia Brandt, Jennifer Garvin, Joseph Goulet, Bruce Bray</i> HEALTH DATA SCIENCE 1:	302
	International co-chair: Fernando Martin-Sanchez Chinese co-chair: Wei Wang 668 Surveying a New Multi-Institution Clinical Data Research Network	

	668 Surveying a New Multi-Institution Clinical Data Research Network Marc Rosenman, Margaret Madden, Elissa Oh, Satyender Goel, Abel Kho	
	422 Unsupervised Abbreviation Expansion in Clinical Narratives Michel Oleynik, Markus Kreuzthaler, Stefan Schulz	
08:30-10:00	647 General Symptom Extraction from VA Electronic Medical Notes Guy Divita, Gang Luo, Le-Thuy Tran, Elizabeth Workman, Adi Gundlapalli, Matthew Samore	303
	210 Aligned-layer text search in clinical notes Stephen Wu, Andrew Wen, Yanshan Wang, Sijia Liu, Hongfang Liu	
	187 Developing methodologies to find abbreviated laboratory test names in narrative clinical documents by generating high quality q-grams Kyungmo Kim	
	474 Detecting Protected Health Information in Heterogeneous Clinical Notes Aron Henriksson. Maria Kvist, Hercules Dalianis	
08:30-10:00	WORKSHOP 718 Impact of Patient Accessible EHRs – An Interactive Workshop to Share Experiences and Explore Evaluation Approaches Isabella Scandurra, Maria Hägglund, Monika Johansen, Trine Bergmo, Paolo Zanaboni	304
•	1	

23-Aug-17	vers 4.2 (2017-08-21)	
Time	Activity/Event	Room
08:30-10:00	Panel 712 mHealth in Chronic Diseases Management in China Ying Wu, Polun Chang, Chang Rong Yuan, Wei Ying Shan, Yi Si Liu	401
08:30-10:00	Panel 523 When Social Media do not Deliver as Intended in Health: Considerations and Possible Solutions for Dealing with Undesirable Outcomes Mark Merolli, Luis Fernandez, Kerstin Denecke, Elia Gabarron	402
08:30-10:00	 KNOWLEDGE MANAGEMENT 1: International co-chair: Dongwen Wang Chinese co-chair: Qingyue Gong 23 Interoperability of medication classification systems: Lessons learned mapping established pharmacologic classes (EPCs) to SNOMED CT Scott Nelson, Jaqui Parker, Robert Lario, Rainer Winnenburg, Mark Erlbaum, Michael Lincoln, Olivier Bodenreider 203 Interoperability of Disease Concepts in Clinical and Research Ontologies – Contrasting Coverage and Structure in the Disease Ontology and SNOMED CT Satyajeet Raje, Olivier Bodenreider 333 Comparison of Three English-to-Dutch Machine Translations of SNOMED CT Procedures Ronald Cornet, Carly Hill, Nicolette de Keizer 452 Interface Terminologies, Reference Terminologies and Aggregation Terminologies: A Strategy for Better Integration Stefan Schulz, Jean-Marie Rodrigues, Alan Rector, Christopher Chute 157 Perceiving the Usefulness of the National Cancer Institute Metathesaurus for Enriching NCIt with Toplogical Patterns Zhe He, Yan Chen, James Geller 480 Can Sonification Become a Useful Tool for Medical Data Representation? George Mihalas, Minodora Andor, Anca Tudor, Sorin Paralescu 	403
08:30-10:00	Panel 735 mHealth Interventions in Different Cultural Settings: Experience and Lessons from the Field Y. <i>Alicia Hong, Yan Guo, M Sriram Iyengar</i>	404
10:00-10:30	Coffee/tea break, Poster, Exhibition	Poster and Exhibition Area
10:30-12:00	WORKSHOP 515 Protection of Personal Health Information in a Global Environment: A Privacy-Trust Model Pekka Ruotsalainen, Paulette Lacroix, Eike-Henner Kluge, Tomohiro Kuroda, Bernd Blobel	205
10:30-12:00	 CONNECTED AND DIGITAL HEALTH 2: International co-chair: Jean-Marie Rodrigues Chinese co-chair: Haibin Meng 434 An Architecture for Semantically Interoperable Electronic Health Records André Toffanello, Ricardo Gonçalves, Adriana Kitajima, Ricardo Puttini 390 A Secure Architecture to Provide a Medical Emergency Dataset for Patients in Germany and Abroad Michael Storck, Jan Wohlmann, Sarah Krudwig, Alexander Vogel, Judith Born, Thomas Weber, Martin Dugas, Christian Juhra 633 Enabling Patient Control of Personal Electronic Health Records through Distributed Ledger Technology James Cunningham, John Ainsworth 45 Tracking the Implementation of Elecronic Medical Records in Dubai, United Arab Emirates, using an Adoption Benchmarking Tool Osama El-Hassana, Amer Sharif, Mohammad Al Redhaa, Iain Blair 541 Lessons Learned after Redesigning a Personal Health Record Maria Isabel Smith 440 Developing Visual Thinking in the Electronic Health Record Andrew Boyd, Christine Young, Margret Amatayakul, Michael Dieter, Lawrence Pawola 	206
	WORKSHOP 720	
10:30-12:00	From Data Modeling to Knowledge Learning Symbiosis: The Evolution of Cognitive Data Analysis and Decision Support in Healthcare Jing Mei, Xiang Li	207

vers 4.2 (2017-08-21)

23-Aug-17	vers 4.2 (2017-08-21)	
Time	Activity/Event	Room
	HEALTH DATA SCIENCE 2:	
	Chinese co-chair: Xiaolu Fei 464 A Validated Risk Model for 30-day Readmission for Heart Failure	
	Satish Mahajan, Prabir Burman, Ana Newton, Paul Heidenreich	
	366 A Bayesian Network Model of Head and Neck Squamous Cell Carcinoma Incorporating Gene Expression Profiles Shuyang Wu, Anthony Law, Mark Whipple	
0:30-12:00	21 Screening for Behavioral Risks: A Precision Healthcare Driven Approach for Chronic Pain Evaluation in Pediatric Specialty Care Vibha Anand, Andrew Zeft, Steven Spalding	303
	131 Automating the Identification of Patient Safety Incident Reports Using Multi-label Classification Ying Wang, Enrico Coiera, William Runciman, Farah Magrabi	
	313 Detecting Adverse Drug Event Signal from a Clinical CaseBase Weifeng Qin, Xian Zeng, Zheng Jia, Xiang Zheng, Huilong Duan, Haomin Li	
	655 Applying Risk Models on Patients with Unknown Predictor Values: An Incremental Learning Approach Enliang Xu, Xiang Li, Jing Mei, Shiwan Zhao, Gang Hu, Eryu Xia, Haifeng Liu, Guotong Xie	
0:30-12:00	Panel 6 Universal Health Coverage: Emerging Issues in Advancing Global Approaches <i>Anthony Maeder, Kendall Ho, Alvin Marcelo, Jim Warren</i>	304
	HEALTH DATA SCIENCE 3:	
	International co-chair: Lucia Sacchi Chinese co-chair: Lisheng Xu	
	351 Mining Adverse Drug Reactions in Social Media with Named Entity Recognition and Semantic Methods Xiaoyi Chen, Myrtille Deldossi, Rim Aboukhamis, Carole Faviez, Badisse Dahamna, Pierre Karapetiantz, Armelle Guenegou-Arnoux, Yannick Girardeau, Sylvie Guillemin-Lanne, Agnès Lillo-Le-Louët, Nathalie Texier, Anita Burgun, Sandrine Katsahian	
0:30-12:00	651 Mining Adverse Events of Dietary Supplements From Product Labels by Topic Modeling Yefeng Wang, Divya Gunashekar, Terrance Adams, Rui Zhang	401
0.30-12.00	666 Using Interpretable Machine Learning Models to Predict In-hospital Mortality for ST-Elevation Myocardial Infarction Patients Xiang Li, Haifeng Liu, Jingang Yang, Guotong Xie, Yuejin Yang	401
	641 Contrast Mining for Pattern Discovery and Descriptive Analytics to Tailor Sub-groups of Patients Using Big Data Solutions Michael Phinney, Yan Zhuang, Sean Lander, Lincoln Sheets, Jerry Parker, Chi-Ren Shyu	
	121 Biomedical Informatics and the Digital Component of the Exposome Guillermo Lopez-Campos, Mark Merolli, Fernando Martin-Sanchez	
	233 Extraction of Data from a Hospital Information System to Perform Process Mining Ricardo Alfredo Quintano Neira, Gert-Jan de Vries, Jennifer Caffarel, Erin Stretton	
	QUALITY AND SAFETY, AND PATIENT OUTCOMES 2:	
	International co-chair: Briggite Seroussi Chinese co-chair: Wei Xu	
10:30-12:00	672 Knowledge Management in Health Technology SMEs Juhamatti Huusko, Sirpa Kuusisto-Niemi, Kaija Saranto	
	427 Change Management Strategies: Transforming a Difficult Implementation into a Successful One María Victoria Giussi, Fernando Plazzotta, Analía Baum, Pablo Muguerza, Fernan Gónzalez Bernaldo de Quirós	402
	180 The Paradox of Higher Charges for Lower-Risk Inpatient Admissions: When Healthier Patients Cost More	

Lincoln Sheets, Kayson Lyttle, Lori Popejoy, Jerry Parker

556 Chile's National Center for Health Information Systems: A Public-Private Partnership to Foster Health Care Information Interoperability Daniel Capurro, Aisen Echeverry, Rosa Figueroa, Sergio Guiñez, Carla Taramasco, Cesar Galindo, Angelica Avendaño, Alejandra García, Steffen Härtel

264 Global eHealth,Social Business and Citizen Engagement: a Natural Convergence? *Siaw-Teng Liaw, Alvin Marcelo, Padmanesan Narasimhan, Mahfuz Ashraf, Pradeep Ray*

23-Aug-17	vers 4.2 (2017-08-21)	
Time	Activity/Event	Room
10:30-12:00	HUMAN, ORGANIZATIONAL, AND SOCIAL ASPECTS 1: International co-chair: Johanna Westbrook Chinese co-chair: Yunqiu Zhang 675 Towards a Usability and Error 'Safety Net': A Multi-Phased Multi-Method Approach to Ensuring System Usability and Safety	
	Andre Kushniruk, Yalini Senathirajah, Elizabeth Borycki 53 An Experimental Comparison of a Co-Design Visualizing Personal Drug Information and Patient Information Leaflets: Usability Aspects Soudabeh Khodambashi, Dagrun Haugland, Anette Ellingsberg, Hanne Kottum, Janne Kutschera Sund, Øystein Nytrø 193 Medical Effect of Venous Thromboembolism Prophylaxis Systems and Common Input Categories: Preliminary Findings from a	403
	Systematic Review Julian Varghese, Maren Kleine, Sophia Geßner, Sarah Sandmann, Martin Dugas	
	401 A User-Centered Glucose-Insulin Data Display for the Inpatient Setting Michael Bowen, Umme Rumana, Ethan Killgore, Yang Gong	
	567 Augmented Reality in Nursing: Designing a Framework for a Technology Assessment Hanna Wüller, Marcus Garthaus, Hartmut Remmers	
	HEALTH DATA SCIENCE 4:	
	International co-chair: Pierre Zweigenbaum Chinese co-chair: Han Zhang	
	451 A Personalized Adviser-Interpreter System for Monitoring Diabetic Patients' Weight Loss Azadeh Kamel Ghalibaf, Mahmood Tara	
	403 Analysis of Historical Medical Phenomena Using Large N-gram Corpora Zdenko Kasáč, Stefan Schulz	
10:30-12:00	272 A Data-Driven Decision-Support Tool for Population Health Policies Michal Chorev, Lavi Shpigelman, Peter Bak, Avi Yaeli, Edwin Michael, Ya'ara Goldschmidt	404
	310 A Deep Learning based Method for Similar Patient Question Retrieval in Chinese Guoyu Tang, Yuan Ni, Guotong Xie, Xinli Fan, YanLing Shi	
	298 Automatic Identification of Glaucoma Using Deep Learning Methods Allan Cerentini, Daniel Welfer, Marcos d Ornellas, Carlos Jesus Pereira Haygert, Gustavo Dotto	
	649 Semantic Relations in Compound Nouns: Perspectives from Inter-Annotator Agreement Prabha Yadav, Elisabetta Jezek, Pierrette Bouillon, Tiffany Callahan, Michael Bada, Lawrence E Hunter, Kevin Bretonnel Cohen	
08:30-12:00	WCHIS 2017	301
12:00-13:00	Lunch, posters, and exhibition	Lunch, Poster and Exhibition Area
12:00-13:00	EB Board meeting (Invited only)	205
13:00-15:00	APAMI Seminar: Advances and Challenges in EHRs in Asia-Pacific region	205
15:00-16:00	APAMI GA Meeting	205
13:00-14:30	Panel 715 Social Media for Participatory Biomedical Knowledge Management Fernando Martin-Sanchez, Carolyn Petersen, Mark Merolli, Miguel Angel Mayer	206
	QUALITY AND SAFETY, AND PATIENT OUTCOMES 3:	
	International co-chair: Peter Adlassnig Chinese co-chair: Changrong Yuan	

	Chinese co-chair: Changrong Yuan	
	365 Framework of Performance Measures for Health Information Exchange (HIE) Mihoko Okada, Haku Ishida, Sunao Watanabe, Yoshimune Shiratori	
	505 A Comparison of Two Principal Systems for Monitoring of Technology-induced Errors in Electronic Health Records Sari Palojoki, Elizabeth Borycki, Andre Kushniruk, Kaija Saranto	
13:00-14:30	378 Lack of Training for a Downtime Procedure: Users Perceptions of an Electronic Health Record Contingency Plan Rodrigo Cano, Brenda Bejarano, Mercedes Vidal, Mara Fernandez, Daniel Luna, Sonia Benitez	207
	372 Use of EHR Data to Identify Factors Affecting the Time-to-fall Hyesil Jung, Hyeoun-Ae Park	
	674 Mapping the Electronic Health Record: a method to study Display Fragmentation Yalini Senathirajah, Jinglu Wang, Elizabeth Borycki, Andre Kushniruk	
	522 Usability Evaluation of an EHR's Clinical Notes Interface from Attendings' and Residents' Perspectives – An Exploratory Study Rubina Rizvi, Jenna Marquard, Marcus Seywerd, Terrance Adams, Jed Elison, Gretchen Hultman, Kathleen Harder, Genevieve Melton	

23-Aug-17	7	
Time	Activity/Event	Room
3:00-14:30	Panel 685 Wearable Technologies: Advancing the Healthcare in Ageing Population <i>Shabbir Syed Abdul, Shwetambara Kekade</i>	302
3:00-14:30	 HEALTH DATA SCIENCE 5: International co-chair: Adi Gundlapalli Chinese co-chair: Yan Kang 406 Identifying Biomarkers of Hepatocellular Carcinoma Based on Gene Co-expression Network from High-throughput Data Ying Zhang, Zhiping Liu, Jing-song Li 144 An Early Infectious Disease Outbreak Detection Mechanism Based on Self-Recorded Data from People with Diabetes Ashenafi Zebene Woldaregay, Eirik Arsand, Taxiarchis Botsis, Gunnar Hartvigsen 83 Acute Coronary Syndrome Risk Prediction Based on GRACE Risk Score Danqing Hu, Zhengxing Huang, Tak-Ming Chan, Wei Dong, Xudong Lu, Huilong Duan 170 Automatically Identifing Topics of Consumer Health Questions in Chinese Haihong Guo, Xu Na, Jiao Li 652 In search of a digital health compass to navigate the health system Catherine Chronaki, Robert Stegwee, Anne Moen 458 Longitudinal Changes in Risk Stratification for a Managed Population Lincoln Sheets, Mihail Popescu, Kayson Lyttle, Soo-Yeon Cho, Jerry Parker 	303
	WORKSHOP 687 The Two-sided Market Perspective of e-Health <i>Vivian Vimarlund, Craig Kuziemsky, Pernille Bertelsen, Christian Nøhr, Pirkko Nykänen, Tobias Mettler</i>	304
13:00-14:30	 CONNECTED AND DIGITAL HEALTH 3: International co-chair: Christian Lovis Chinese co-chair: Jinxiong Chen 42 A Case-based Study with Radiologists Performing Diagnosis Tasks in Virtual Reality <i>José Eduardo Venson, Jean Carlo Berni, Carlos Edmilson da Silva Maia, Ana Maria Marques da Silva, Marcos d Ornellas, Anderson Maciel</i> 208 A Mobile System for Music Anamnesis and Receptive Music Therapy in the Personal Home <i>Kerstin Denecke</i> 374 Promotion of Adequate Exercise for Chronic Disorders' Elderly through Paced Music <i>Gi-Ryong Kang, Il Kon Kim, WooJin Kim, DoYoun Lee</i> 286 Envisioning Precision Healthcare Informatics: A Unified Framework <i>Arkalgud Ramaprasad, Nanda Kumar Bidare Sastry, Thant Syn</i> 392 Uncovering Hidden Topics in Hong Kong Clinical Research Through Hospital Authority Convention Publications Zoie Shui-Yee Wong, Wai Man Chan, Eliza Lai-Yi Wong, Patsy Yuen-Kwan Chau, Kwok-Leung Tsui, Hong Fung 	401
3:00-14:30	Panel 705 Formulating Strategies for Growth of the eHealth Workforce in Developing and Slow Technology Adoption Countries Rachelle Blake, Hussein Ali AlBishi, Osama El-Hassana, Yukiko Yokobori, Marion Ball	402
3:00-14:30	Panel 728 Advancing Health Informatics Education and Health IT Workforce Development through Interdisciplinary Collaboration Zhe He, Duo Wei, Jiang Bian, Jialin liu, Yang Gong	403

23-Aug-17	vers 4.2 (2017-08-21)	
Time	Activity/Event	Room
	HUMAN, ORGANIZATIONAL, AND SOCIAL ASPECTS 2: International co-chair: Peter Elkin Chinese co-chair: Hui Chen	
	 323 Toward Automatic Reporting of Infectious Diseases Hsiao-Mei Tsao, Chi-Ming Chang, Jen-Hsiang Chuang, Ding-Ping Liu, Mei-Lien Pan, Da-Wei Wang 160 Design of a User-Centered Voluntary Reporting System for Patient Safety Events Hong Kang, Yang Gong 	
13:00-14:30	640 User Centred Design and Nosocomials in Surgical ICUs' Experiences with a Mobile Application for Peer Monitoring and Training in Hand Hygiene Nadish Kariyawasam, Ming Chao Wong, Paul Turner	404
	20 Toward Learning from Patient Fall Events Based on Kirkpatrick Model Sicheng Zhou, Hong Kang, Yang Gong	
	204 Clinical Decision Support and Primary Care Acceptance of Genomic Medicine Dian Chase, Joan Ash, Sherry Baron	
	485 P-Care BPJS Acceptance Model in Primary Health Centers <i>Hosizah Hosizah</i>	
4:30 -15:00	Coffee/tea break, Poster, Exhibition	Poster and Exhibition Are
15:00-16:30	WORKSHOP 711 openEHR Clinical Modeling and Data Standardization Xudong Lu, Huilong Duan, Ian McNicoll, Heather Leslie, Shinji Kobayashi	206
	QUALITY AND SAFETY, AND PATIENT OUTCOMES 4:	
	International co-chair: Nicolette de Keizer Chinese co-chair: Ying Wu	
	159 Leveraging Event Reporting through Knowledge Support: A Knowledge-based Approach to Promoting Patient Fall Prevention Bin Yao, Hong Kang, Qi Miao, Sicheng Zhou, Chen Liang, Yang Gong	207
15:00-16:30	101 Using Therapeutic Circles to Visualize Guideline-Based Therapeutic Recommendations for Patients with Multiple Chronic Conditions: A Case Study with GO-DSS on Hypertension, Type 2 Diabetes, and Dyslipidemia Brigitte Seroussi, Alexandre Gaolpin, Mouhssin Gaouar, Suzanne Pereira, Jacques Bouaud	
15.00-10.50	137 Automated Classification of Multi-labeled Patient Safety Reports: A Shift from Quantity to Quality Measure Chen Liang, Yang Gong	
	433 Evaluation of a Decision Support System for Laboratory Service Patients Georgy Kopanitsa	
	319 KQA: A knowledge Quality Assessment Model for Clinical Decision Support Systems Seyedjamal Zolhavarieh, Dave Parry	
	526 Design of an Intelligent Nursing Clinical Pathway and Nursing Order Support System Bao-Fen Ding	
15:00-16:30	WORKSHOP 722 Workshop on Bridging to the Future with Projects for the 50th Anniversary of the International Medical Informatics Association (IMIA): Challenges of Precision Healthcare through Informatics in Historical Perspective <i>Casimir Kulikowski, George Mihalas, Robert Greenes, Hyeoun-Ae Park</i>	302
	HEALTH DATA SCIENCE 6:	
	International co-chair: Ronald Cornet Chinese co-chair: Hongbing Lu	

Chinese co-chair: Hongbing Lu	
487 Constructing a Gene-Drug-Adverse Reactions Network to Infer Potential Gene-Adverse Reactions Associations with a Text Mining Approach <i>MingShuang Sui, Lei Cui</i>	
418 Assessing the Representation of Occupation Information in Free-Text Clinical Documents Across Multiple Sources Elizabeth Lindemann, Elizabeth Chen, Sripriya Rajamani, Nivedha Manohar, Yan Wang, Genevieve Melton	303
520 Classification of Clinical Research Study Eligibility Criteria to Support Multi-Stage Cohort Identification Using Clinical Data Repositories James Cimino, William Lancaster, Mathew Wyatt	505
67 Creation of the first French database in primary care using the ICPC2: feasibility study. Virginie Lacroix-Hugues, David Darmon, Christian Pradier, Pascal Staccini	
369 Precision Cohort Finding with Outcome-Driven Similarity Analytics: A Case Study of Patients with Atrial Fibrillation Haifeng Liu, Xiang Li, Guotong Xie, Ping Zhang, Chengming Gu, Jingyi Hu	
612 Extracting Sexual Trauma Mentions from Electronic Medical Notes Using Natural Language Processing Guy Divita, Emily Brignone, Marjorie Carter, Ying Suo, Rebecca Blais, Matthew Samore, Jamison Fargo, Adi Gundlapalli	

23-Aug-17	vers 4.2 (2017-08-21)	
Time	Activity/Event	Room
15:00-16:30	Panel 724 Research infrustructure through the OHDSI (Observational Health Data Sciences and Informatics) consortium: Institutional and researcherâ €™s perspectives <i>Vojtech Huser, Christian G Reich, Rae Woong Park</i>	304
	CONNECTED AND DIGITAL HEALTH 4:	
	International co-chair: Catherine Chronaki Chinese co-chair: Jinghui Wei	
	176 E-HOSPITAL – A Digital Workbench for Hospital Operations and Services Planning Using Information Technology and Algebraic Languages <i>Daniel Gartner, Rema Padman</i>	
15:00-16:30	377 I Got 99 Problems, and eHealth is One <i>Sofie Wass, Vivian Vimarlund</i>	401
	299 Use of Flowchart for Automation of Clinical Protocols in mHealth Karine Nóra Dias, Daniel Welfer, Marcos d Ornellas, Carlos Jesus Pereira Haygert, Gustavo Dotto	
	350 Guidance Through Use: Value as Pathfinder in e-Health Services Implementation Bertil Lindenfalk, Vivian Vimarlund	
	331 Are Health Literacy and eHealth Literacy the Same or Different? Helen Monkman, Andre Kushniruk, Jeff Barnett, Elizabeth Borycki, Leigh Greiner, Debra Sheets	
	594 Making Sense of Patient-Generated Health Data for Intepretable Patient-Centered Care: The Transition from "More" to "Better" Pei-Yun Sabrina Hsueh, Sanjoy Dey, Subhro Das, Thomas Wetter	
	KNOWLEDGE MANAGEMENT 2:	
	International co-chair: Patrick Weber Chinese co-chair: Lei Liu	
	424 CTdBem - A New Protocol for Ultra Low Radiation Dose MSCT Gustavo Dotto, Carlos Jesus Pereira Haygert, Marcos d Ornellas, Daniel Welfer, Rubens Bastos	
	446 Shiny FHIR: An Integrated Framework Leveraging Shiny R and HL7 FHIR to Empower Standards-based Clinical Data Applications Na Hong, Naresh Prodduturi, Chen Wang, Guoqian Jiang	
15.00-16.30	471 A Consensus-based Approach for Harmonizing the OHDSI Common Data Model with HL7 FHIR Guoqian Jiang, Richard Kiefer, Deepak Sharma, Eric Prud'hommeaux, Harold Solbrig	402
	18 Analysis On HL7 EHRS Functional Model and Apply Suggestions in China Haibin Meng, Huajian Mao, Chenyang Chi, Dongsheng Zhao	
	69 The Portal of Medical Data Models: Where Have We Been And Where are We Going? Sophia Geßner, Philipp Neuhaus, Julian Varghese, Philipp Bruland, Alexandra Meidt, Iñaki Soto-Rey, Michael Storck, Justin Doods, Martin Dugas	
	325 Hootation: Expressing Biomedical Ontologies in Natural Language for Expert Ontology Evaluation Frank Manion, Muhammad Amith, Marcelline Harris, Yaoyun Zhang, Hua Xu, Cui Tao	
15.00-16.30	Panel 681 Patient-Centered Apps to Promote Engagement and Activation: Challenges and Opportunities Patricia Dykes, Kaija Saranto, Anne Moen, Hyeoun-Ae Park, David W. Bates	403
15.00-16.30	WORKSHOP 734 Putting the "eHealth" into Disaster eHealth Dave Parry, Tony Norris, Sofie Pilemalm, Carl-Oscar Jonson, Erik Prytz, Ray Kirk, Julie Dugdale, Rostslav Kostadinov, Santiago Martinez, Jose Gonzalez, Deepak Khazanchi, Richard Scott	404
13:00-16:30	WCHIS 2017	4F-Plenary Hall
16:30-17.15	Keynote 3 Biomedical Scientific Data Sharing in the Advancement of Building a Healthy China Depei Liu	4F-Plenary Hall
17.15-18.15	Posters and exhibition	Poster and Exhibition Area
18:00-21:00	Welcome Reception - invited only	West Lake Area