

大会议程（21日）

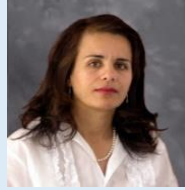
大会主席：

杨智，教授，首都医科大学，中国医药信息学理事会副理事长

Catherine Chronaki, Secretary General HL7 Europe, Vice President EFMI (Europe)

14:00-14:30, 大会开幕（Opening Session）

大会主席宣布开幕



首都医科大学吉训明副校长致欢迎辞



Dedication to Ragnar Nordberg (1936-2020)

Day1 Theme: Health Informatics

14:30-15:00, Opening Keynote-Evaluating EHR Adoption across China's Hospitals

刘海一，

教授，清华大学，中国医院协会信息管理专业委员会（CHIMA）

副主席，HL7 中国主席



- The motivation for installing EHR in China's hospitals.
- Assessing the level of EHR adoption across mainland China's hospitals by the Model of EHR Grading (MEG).
- Evaluating data across mainland China's hospitals from 2011 to 2019.

15:00–17:30, Session 1–Mobile health assessment and contact tracing apps/ Digital Health Technology in Emergency Medicine

Co-chairs:

Luis Garcia-Castrillo Riesgo, Past Chair European Society of Emergency Medicine (Europe)

魏洁, 教授, 武汉大学人民医院急诊与重症医学教学研究室主任

S1.1, Co-management of COVID-19 in the NHS Scotland

Chaloner Chute, Chief Technology Officer, Digital Health and Care Institute, NHS Scotland



- The DHI's contribution to the Scottish Test & Protect system – used nationally to manage Covid-19.
- An open platform-based infrastructure – an integrated suite of products for everything from clinical assessment, through to testing and contact tracing.
- Methods and future developments.

S1.2, The trial of smart medicine in emergency department during COVID-19

魏洁, 教授, 武汉大学人民医院急诊与重症医学教学研究室主任



- A machine learning-based model for survival prediction in COVID patients.
- Monitoring and Management of Home-Quarantined Patients With COVID-19 Using a WeChat-Based Telemedicine System.
- COVID-19 data collection and the management.

S1.3, Role of Emergency medical Systems in Syndromic Surveillance

Professor Luis Garcia-Castrillo Riesgo, Past Chair European Society of Emergency Medicine (Europe)



- A syndromic surveillance method based on symptoms and historical information to detect anomalies in the daily emergency activity and represent the actual situation of the health system on real time.
- A revision of the pre-covid Syndromic surveillance based on emergency departments and the opportunities of this methodology during this pandemic.

S1.4, Construction of an intelligent multi-point trigger and early warning system for emerging and unexpected infectious diseases based on big data of emergency medicine

Thomas Sauter, Chair of the EUSEM Digital group, Professor of Emergency Medicine, University of Bern, Switzerland (Europe)



- How to use the intelligent multi-point trigger mechanism to prevent and control emerging and unexpected infectious diseases in various countries.
- A sentinel system based on comprehensive research and judgment of big data to realize ultra-early warning, automatic triggering and reporting functions to prevent and control emerging and unexpected infectious diseases.

S1.5, Errors in medicine: Technology as support for the doctor of the future?

Thomas Sauter, Chair of the EUSEM Digital group, Professor of Emergency Medicine, University of Bern, Switzerland (Europe)



- The evidence of digital decision aids and triage tools used in emergency settings by doctors and patients.
- Can these tools contribute to the fight against the COVID-19 pandemic?
- Can these technical aids support the doctor of the future or will they even replace them?

S1.6, COVID-19 Intelligent Prevention and Control System

杨斌, 教授, 互联网行为研究所副所长, 清华大学智能医疗研究中心主任



- The work done by Tsinghua University in fighting against Covid-19 - the prevention, screening, diagnosis, treatment, rehabilitation to achieve effective prevention and control.

ePoster

Pandemic Preparedness: AI-driven Syndromic Surveillance of ILI using EMS data: A research proposal

Thomas Krafft, Maastricht University

Patient representation from structured Electronic Medical Records based on Skip-gram algorithm

Huang Yanqun, a Ph.D. student at the biomedical engineering school of Capital Medical University in China

18:00–21:00, Session 2: Digital health for nursing and rehabilitation – Citizen Engagement with Digital Health Technology

Co-Chairs:

Inge Madsen, Associate Professor Aarhus University, Denmark (Europe)

教授, 吴瑛, 首都医科大学护理学院院长

18:00-18:30, Keynote 2: A patient and engineering perspective on digitalization, data and AI for strengthening health

Hanna Svensson, Engineer and Patient Advocate, Sweden



- New insights into self-care from the patient's point of view .
- Self-care is essential part of the care in modern health maintenance.
- Digitalization, artificial intelligence, and informatics can play critical role in self-care.
- This talk will focus on the data and the knowledge outcomes built on the data.

S2.1 Nursing Now! Digital health service co-creation and co-design

Paul De Raeve, Secretary General European Federation for Nurses



- The mission of The European Federation of Nurses Associations (EFN) is to promote and protect nurses and the nursing profession.
- Try to foster among EU policymakers and IT developers the co-creation and co-design of new digital health tools with nursing workforce.
- The goal is to achieve end-user impact, deployment, and, ultimately, a better quality of care for patients.
- By providing nursing sensitive data and fostering nursing data collection, the EFN tries to make sure the nursing needs are addressed.

S2.2 AI+lung computer-aided diagnosis, fundamentals and technologies

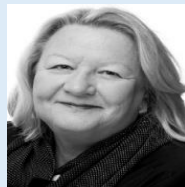
陆遥, 教授, 中山大学, 柏视董事长



- Compared with the human brain, artificial intelligence can process massive amounts of medical data more efficiently, quickly find features and rules, and at the same time combine a huge medical knowledge base to establish an artificial intelligence computer-aided diagnosis system based on medical big data.
- This report will focus on AI + lungs, introduce the application of medical artificial intelligence in the lungs, including basic theories and technologies such as high-dimensional reconstruction of complex medical big data, feature extraction, etc., and introduce the research hotspots and latest applications in the field of medical artificial intelligence.

S2.3 Digital health literacy for nursing & rehabilitation

Inge Madsen, RN., MI (Master of Healthcare information.) Aarhus, Denmark.



- European citizens' digital health literacy.
https://ec.europa.eu/commfrontoffice/publicopinion/flash/fl_404_en.pdf
- Health literacy, digital literacy and eHealth literacy in Danish nursing students at entry and graduate level: a cross sectional study .Holt, Overgaard, Engel et al. BMC Nursing 2020.
<https://bmcnurs.biomedcentral.com/articles/10.1186/s12912-020-00418-w>
- Benchmarks for health education technology focus in Denmark. The Danish National Steering Group for the national follow-up groups in health education.

S2.4 Construction of Medical Knowledge Graph Based on Medical Knowledge Model

何雨生，教授，北京大学人民医院医学信息学中心主任



- Multi-institutional cooperative projects are aimed to build the clinical manifestation ontologies based on medical knowledge model to unify the semantics of clinical manifestations.
- The goal is to produce the full-structured patient records based on the medical knowledge graph to support the structured clinical data capture, CDSS and data mining.

S2.5 CEN-ISO/DTS 82304-2: How labelling health apps can contribute to a healthier global community

Petra Hoogendoorn, Researcher National eHealth Living Lab, Leiden University Medical Center, The Netherlands



- Thousands and thousands of health and wellness apps are in use nowadays.
- Need to classify the health app end user requirements and contributes to their health needs and management.
- This technical specification is expected to be published early 2021.

S2.6 Hospital Nursing Information System in China – Now and Future

丁舒, 心脏中心护师, 首都医科大学附属北京朝阳医院



- Nursing Information System (NIS) in China is now playing important roles in many aspects.
- NIS effectively improved the efficiency and accuracy of nursing work.
- Promoting standardization of nursing management is of great significance.

ePoster

Can we use Patient Summaries to strengthen medical documentation in nursing homes? Robert Van Der Stichele

Professor Emeritus, University of Ghent, Belgium (Europe)

MyData for COVID-10

Fredrik Linden, MyData Hub (Europe)

大会交流群:



会议直播扫码: