

HEALTHINFO III AGENDA

11 October 2023, 13:30-17:30

13:30 Welcome and Registration

14:00 Opening ceremony

- Welcoming remarks

Assoc. Prof. Mai Thanh Phong, PhD, President of HCMC University of Technology, VNU-HCM

- Opening speeches

Duong Huy Lieu, PhD, President of Vietnam Health Economics Association

Prof. Peter Chang, Honorary and Past President, Asian Health Literacy Association

Assoc. Prof. Duong Anh Duc, PhD, Vice-Chairman of People's Committee of HCMC

Assoc. Prof. Luong Ngoc Khue, MD, Director of Department of medical service administration – MoH

14:30 Photos and souvenirs, Coffee break

15:00 Keynotes (20-30 minutes/each)

Chairs: *Nguyen The Dung, MD; Prof. Peter Chang; Assoc. Prof. Tang Chi Thuong*

Secretary: *Nguyen Tien Hung, MD, MSc*

- Smart public health strategies, regional development of the enterovirus vaccination

Prof. Lin Tzou-yien – Taipei Medical University

- Vietnam healthcare digital transformation
Assoc. Prof. Luong Ngoc Khue, MD, Director of Department of medical service administration of MoH
- Smart health care and development of health literacy for all
Prof. Peter Chang - TVMB; Show Chwan Healthcare System; AHLA
- Some content about medical digital transformation in Vietnam
Assoc. Prof. Tran Quy Tuong, PhD, Chairman of Medical Informatics Association
- Conditions for digital transformation of HCMC healthcare
Assoc. Prof. Tang Chi Thuong, MD, PhD, Director of Health Department of HCMC

17:00 Discussion

19:00 Welcome dinner

12 October 2023, 08:30-17:30

General agenda for two sessions:

08:30 Keynotes, Thanks remarks (20-30 minutes/each)

10:30 Coffee break

11:00 Keynotes, Discussion, Thanks remarks

12:30 Lunch

13:30 Keynotes, Thanks remarks (20-30 minutes/each)

15:30 Coffee break

16:00 Keynotes, Discussion, Closing remarks

Session 1: Smart family doctor networks and public health

● Key notes

Chairs: *Prof. Chien-yeh Hsu; Nguyen Tuan Kiet, MBA*

Secretary: *Cao Dinh Hung, MD, PhD*

08:30-10:30 Keynotes, Thanks remarks

- Establishment of big data and smart health data management system
Prof. Chien-yeh Hsu - National Taipei University of Nursing and Health Sciences; President, APAMI
- Military-Civilian medical coordination for smart healthcare
Assoc. Prof. Pham Le Tuan, Former Vice-Minister of MoH
- Smart healthcare education and promotion of universities
Mandy Mok, CEO AppliedHE, Singapore
- Overview insight of cancer control
Prof. Nguyen Chan Hung, MD, Honorary and Past President of Vietnam Cancer Association

- Towards smart commune health station
Doan Tan Buu, MD, Director of Dong Thap Health Department
- Clinical infectious diseases research in Southeast Asia: the past and the future
Prof. Guy Thwaites, MD, PhD, Director, Oxford University Clinical Research Unit, HCMC (online)

10:30-11:00 Coffee break

11:00-12:30 Keynotes, Discussion, Thanks remarks

- Pham Ngoc Thach University of Medicine is towards smart in the digital transformation age
Assoc. Prof. Nguyen Thanh Hiep, MD, PhD, Rector & Nguyen Tuan Kiet, MBA, Head of Quality Assurance Department
- Comment Vietnam peut avoir un système de la santé intelligent
Jean Chung Minh, MD, Grenoble, France & Nguyen The Dung, MD

12:30-13:30 Lunch

● Key notes

Chairs: *Assoc. Prof. Le Van Tan, PhD; Assoc. Prof. Nguyen Dinh Thuan, PhD*
Secretary: *Nguyen Tien Hung, MD, MSc*

13:30-15:30 Keynotes, Thanks remarks

- COVID-19 pandemic: lessons learned and future directions
Assoc. Prof. Le Van Tan, PhD, Head, Emerging Infections Group, Oxford University Clinical Research Unit, HCMC

- Digital epidemiology for smart healthcare
Nguyen The Dung, MD
- Comment Vietnam peut avoir un réseau de médecins familiaux à l'âge de transformation digitale
Prof. Didier Giet, MD – University of Liège, Belgium (online)
- Construct the Prediction Model for Neglected Tropical Disease Incidence and Outbreaks
Trinh Thi Thanh Truc¹, Do Duy Thanh², Nguyen Dinh Thuan³, Mai Thai Son⁴
^{1,2,3}University of Information Technology, VNU-HCM
⁴Queen's University Belfast, UK

15:30-16:00 Coffee break

16:00-17:30 Keynotes, Discussion, Closing remarks

- Application of LSTM Algorithm Combined With Stacking Technique in Machine Learning to Enhance Disease Prediction Capability
Nguyen Dinh Thuan¹, Vo Hoang Khang²
¹University of Information Technology, VNU-HCM
²HutechUniversity, HCMC
- French Healthcare System
Assoc. Prof. Claude Anne DOUSSOT LAYNAUD – École des hautes études en santé publique (EHESP) (online)
- VNUHCM-School of Medicine is developing in the digital transformation age
Prof. Dang Van Phuoc, MD, PhD & Nguyen The Dung, MD

Session 2: Smart hospital

- Key notes

Chairs: *Truong Minh Chuong, PhD; Prof. Vo Van Toi, PhD*

Secretary: *Duong Hai, MD, MSc*

08:30-10:30 Keynotes, Thanks remarks

- Medic's Smart Healthcare Center in Ho Chi Minh City

Phan Thanh Hai, MD, Director of Medicvn

- Smart health information services for smart health care

Prof. Jack Li - Former President, International Medical Information Association, Taipei Medical University (online)

- Future plan for smart long-term care systems

Sidonie Krysiecki - EHESP, France; Show Chwan Healthcare System

- 3D imaging medical workstation

Nguyen Cong Hung, IT System Engineer – KONICA MINOLTA JAPAN, INC

- Reflections: Center of Excellence in Biomedical Engineering (BME) for Low and Middle Incomes Countries

Prof. Vo Van Toi, PhD – Former Chair of BME Department – VNUHCM-International University

10:30-11:00 Coffee break

11:00-12:30 Keynotes, Discussion, Thanks remarks

- Blockchain in Healthcare: Securely Sharing Medical Records Across Medical Professionals and Patients

*Nguyen Dinh Thuan¹, Tran Quang Minh², Luong Thi Thuy Trang³
^{1,2,3}University of Information Technology, VNU-HCM*

- Smartness measurement scale for smart hospitals

Truong Minh Chuong, PhD – Vice Deputy Dean of School of Industrial Management – Ho Chi Minh City University of Technology, VNU-HCM

12:30-13:30 Lunch

- Key notes

Chairs: *Le Truc Phuong, MBA; Dang Thanh Hung, MSc*

Secretary: *Duong Hai, MD, MSc*

13:30-15:30 Keynotes, Thanks remarks

- Smart Hospital of Show Chwan healthcare system

Dr. Wen-chin Lee - Vice superintendent, Chang Bing Show Chang Hospital (online)

- Electronic Medical Records – Challenges for the implementation in hospitals in Ho Chi Minh City

Le Truc Phuong, MBA - Head of Hospital management-Health economics Department, VNUHCM-School of Medicine

- The hospital of the future

Prof. Bertrand Vingeron, Director of Biomedical Engineering and Referring Director of Medico-Technical Division of Saint Malo, Dinan, and Cancale hospitals (online)

- Towards smart healthcare: What do we mean by smart? –
Tran Thanh Tung, PhD, Vice-Dean of School of Information Technology
– VNUHCM-International University

15:30-16:00 Coffee break

16:00-17:30 Keynotes, Discussion, Closing remarks

- Application of Deep Learning in Multi-label Chest X-ray Image Classification
Pham Nguyen Thanh Binh, Nguyen Dinh Thuan, Nguyen Thi Kim Phung
University of Information Technology, VNU-HCM
- Philips Smart Hospital – Shaping the future of the Healthcare
Truong An Phuc – Biomedical Engineer, Technical Consultant for the Enterprise Diagnostic Informatics business at Philips Vietnam
- Pathway to Electronic Medical Records of Pediatric Hospital N^o1 smart health information
Dang Thanh Hung, MSc, Vice-Chairman of Medical Informatics Association