

## Seminar on Use of Blockchain, Analytics and Smart Agents to Address Patient Care

### INTRODUCTION

While hospitals have used innovative digital services to create value for patients, extending this value to patients outside the hospital walls poses two major challenges. The first challenge is leveraging clinical and non-clinical resources and actors in the patient ecosystem to design innovative digital services to address care continuity using technologies, such as wearables, tele-health and mobile apps. Non-clinical resources may include social, emotional and financial support for patients to follow-up on care and actors may include patients' family members, peers and social and community workers. The second challenge is developing a trusted resource sharing architecture that incentivizes actors in both the hospital and patient ecosystems to interact with these digital services by sharing needed resources (e.g. patient data, discharge instructions, care support plans, etc.) to sustain care. These resources are generated by multiple actors using different systems with no single entity responsible for coordinating such resource sharing. This presentation will first discuss the role of blockchain architecture in addressing the second challenge. It will then illustrate how the use of this architecture by actors tracked and analyzed leads to the design of smart agents that can help adapt digital services to meet changing patient care needs.

### DATE & TIME

Friday, 24 May 2019  
6:30 pm – 8:00 pm

### FEE

HKMA Member: Free of charge  
Non-member: HK\$330

### VENUE

The Hong Kong Management Association  
14/F Fairmont House, 8 Cotton Tree Drive,  
Central, HONG KONG

### LANGUAGE MEDIUM

English

### SEMINAR CHAIRMAN

**Dr the Hon Leong Che Hung Edward GBM GBS JP**  
**Chairman of Advisory Board**  
**HKMA Institute of Healthcare Management**

### SEMINAR SPEAKER

**Professor Mohan R Tanniru, PhD**  
**Senior Investigator, Henry Ford Health System, Detroit, Michigan**  
**Emeritus Professor of MIS at Oakland University, Michigan**

Dr Mohan Tanniru is an Emeritus Professor of Management Information Systems (MIS) at Oakland University, Michigan and a Senior Investigator at Henry Ford Health System in Detroit. He was the Dean of the School of Business at Oakland University and the Department Head of MIS at the University of Arizona. His work has appeared in journals such as ISR, MIS Quarterly, Decision Sciences, DSS, JMIS, IEEE Transactions on Engineering Management, CACM, Health Care Management and Administration, the Journal of Patient Satisfaction, and Health Care Policy and Technology.

Dr Tanniru coordinated numerous student and research projects with companies including GM, Chrysler, HP/EDS, Compuware, Comerica, UTC-Carrier, Bristol Myers Squibb, Honeywell, Intel, and Raytheon, as well as health care organizations such as Kaiser Permanente, Beaumont Health Systems, St. Joseph Mercy Oakland, and the Henry Ford Health System.



### HKMA INSTITUTE OF HEALTHCARE MANAGEMENT

The HKMA Institute of Healthcare Management (HCM) was established in 2017 to offer world-class healthcare management programmes and to serve as a learned platform for healthcare professional development with a view to making significant contribution to advancing management excellence in the healthcare sector in Hong Kong and the Region. Through education and training, HCM nurtures human capital in the healthcare sector. HCM also provides a network for renowned scholars and experts to interact with the healthcare professionals and practitioners, as well as our fellows and members. In the process, best practices, state of the art knowledge and innovative ideas relevant to healthcare management sector are generated and promoted.

### ENQUIRIES

For course enquiries and reservations, please call Customer Service Department on 2774-8501 or via fax 2365-1000. For course details, please contact Ms Eva Lock on 3958-4800 or Ms Mandy Kwok on 2774-8599; or visit the HKMA website: [www.hkma.org.hk/seminar](http://www.hkma.org.hk/seminar).

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SGD-A6954-2019-1-F      24 May 2019

**FEE:** HKMA Member: Free of charge  
Non-member: HK\$330

Name (Mr/Ms): \_\_\_\_\_ HKMA Membership No.: \_\_\_\_\_  
(Surname) (Other Names)

HKID Card No. (Optional, for verification of the applicant's identity) : \_\_\_\_\_ Date of Birth (YY/MM/DD): \_\_\_\_\_

Position: \_\_\_\_\_

Company: \_\_\_\_\_

Address of Company: \_\_\_\_\_

Nature of Business (e.g. Retail), please specify: \_\_\_\_\_

Job Function (e.g. Accounting), please specify: \_\_\_\_\_

Telephone No. (Office): \_\_\_\_\_ (Residence): \_\_\_\_\_ (Mobile): \_\_\_\_\_

E-mail: \_\_\_\_\_

Education Level:  Doctoral degree     Master's degree     Bachelor's degree     HKMA Diploma     Other Diploma  
 Matriculation     Form 5 / HKDSE     Others (Please specify) \_\_\_\_\_

Correspondence Address: \_\_\_\_\_

Cheque Number: \_\_\_\_\_ Cheque Amount: HK\$ \_\_\_\_\_

Name and Title of Nominator (Mr/Ms): \_\_\_\_\_

Nominator Email / Address: \_\_\_\_\_

Sponsorship     Company-sponsored     Self-sponsored

Where did you **FIRST** learn about this programme?

Email Promotion form HKMA     Direct Mail by Post     HKMA Website

Others (please specify): \_\_\_\_\_

### Note for application

- This form together with a crossed cheque payable to The Hong Kong Management Association should be returned to: Executive Director, The Hong Kong Management Association, 16/F Tower B Southmark, 11 Yip Hing Street, Wong Chuk Hang, Hong Kong.
- Registration must be made on the Enrolment Form provided and returned to the Association before the programme commencement date (Not less than 5 days) with full fee.
- Acceptance is subject to the discretion of the Association.
- Applicants will be notified by telephone to confirm receipt of the application form and full programme fee. An official receipt will be sent to you within two weeks.
- Applicants are expected to attend the course at the place and time specified in the brochure unless otherwise notified.
- When a programme is over-subscribed, additional classes may be started in some cases. Applicants may then be notified of the new time, dates and place of meetings when necessary.
- For **ENROLMENT** and **ENQUIRIES** please call **2774-8501** (Customer Service Department) during normal office hours or fax **2365-1000**.
- No refund will be made after payment, but participants can arrange to have their places substituted should they be unable to attend the programme by notifying the Association at least 2 days prior to programme commencement.
- Fax reservations are welcome but are subject to confirmation by payment in full within 10 days of the date the reservation is made or 5 days prior to programme commencement, whichever is sooner.
- Applications, upon full payment, will be processed on a first-come first-served basis.
- When Typhoon Signal No.8 or above is in force during classes/examinations, all classes and examinations will be dismissed immediately. Replacement classes and remedial examinations will be arranged. When Black Rainstorm Warning is in force during classes/examinations, all classes and examinations will be held as scheduled.
- The HKMA reserves the right to make alterations regarding the details. For course details, please contact Customer Services Department on 2774-8501, Ms Eva Lock on 3958-4800 or Ms Mandy Kwok on 2774-8599. Website: www.hkma.org.hk
- The HKMA supports the equal opportunities policy, without discriminating against any person on the grounds of gender, disability, family status or any other basis.

### Personal Data Collection Statement

1. The personal data of applicants are collected and kept for purposes of processing of applications of course enrolment, course admission, student and member administration, course research and statistical matters.
2. The personal data provided in this form will be used by the Association for direct marketing, including special offers, training and education programmes, awards and competitions, membership, alumni, promotional activities and other services and activities that it may arrange.
3. Applicants wishing for access to and/or correction of personal data may send their written requests to the Association.

If you do not wish to receive information as stated in point 2 of this statement, please indicate your objection by ticking the box. You may at any time send your written requests to the Association.

### Notes

1. I understand that all handout materials obtained in class are strictly for my own educational purposes.
2. I have understood all the "Notes for Application" listed in Application Form.

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_