1. 雲想科技ThinkCloud Technology

Speaker’s name: Charles Wu ( Executive-Director of ThinkCloud Techonlogy)

Topic: SelfieSign -Last Jigsaw for total paperless hospital

Website: http://selfiesign.co/web/en/

希望能夠邀請布拉格具代表性的醫院主管前來聆聽指教

1. 翁紹仁副教授（聯盟計畫主持人）

Shao-Jen Weng, Ph.D.

Associate Professor

Director, Healthcare Systems Consortium

Department of Industrial Engineering and Enterprise Information

Tunghai University

**Topics: Introduction of “Healthcare Systems Consortium (HSC)” in Taiwan**

Healthcare Systems Consortium (HSC) is established at Tunghai University (THU) by the Ministry of Science and Technology (MOST) of the Republic of China which established the Production and Technology Alliance Cooperation Program in 2017. It is led by Dr. Shao-Jen Weng who is an Associate Professor in the Department of Industrial Engineering and Enterprise Information at THU, who has had twenty medical project outcomes and much experience from 2009 to 2016. The team members were sourced from the IE, CS, BA, EE, Med fields, to form today’s cross - disciplinary consortium. The first chairman of this consortium is San-Kan Lee, Medical Doctor and Adjunct Professor, who is former President of the Taichung Veterans General Hospital (TVGH). Chairman Lee considered identification of resources and throttle to be a sustainable way to operate a hospital during his previous service at TVGH. Further, he felt the improvement of medical information systems was the best way to pare the operating costs. During his diligent stewardship, the medical management of the hospital reached excellence. The consortium also invited Mao-Jiun Wang, Professor and President of Tunghai University and Kuo-Ming Wang, Honorary Chair Professor of Tunghai University to be Associate Chairmen. Each team member has undoubtedly been a planner and innovator concerning medical systems construction and improvement over the course of many years! The consortium seeks to clearly understand hospital information systems and patient needs in order to develop products or services that meet these patient requirements. It would also focus on advancing the development of “Lean” medical products under the quality design concept, promoting overall medical quality through research and application, and finally enhancing the national level of medical industry welfare.

1. 林光甫博士（聯盟執行長）

Guang-Fu Lin, Ph.D.

Assistant Professor

Chief Executive Officer, Healthcare Systems Consortium

Department of Industrial Engineering and Enterprise Information

Tunghai University

**Topics: Innovative Healthcare Management Systems for Hospitals**

Because of high complexity in Emergency Departments, the ability to analyze the present and future status of resource availability is difficult. The goal of this research is to use simulation to create a cloud-based forecasting system called an available bed forecasting system (ABFS) in a regional hospital network in Taiwan in order to provide near-contemporaneous information to Emergency Department personnel and to EMTs in an effort to efficiently predict the optimal hospital to which patients should be transported based on bed and resource availability.