



“ICT for Post 2015 Health Challenges”

13th and 14th October 2015
Cinnamon Grand Hotel,
Colombo, Sri Lanka

PROGRAMME BOOK

www.ehealthasia.org



Co-organized by the
Health Informatics Society of Sri Lanka
and the
Information and Communication
Technology Agency of Sri Lanka
in collaboration with the
Asian eHealth Information Network

13 to 14 October
2015
Cinnamon Grand Hotel, Colombo,
Sri Lanka

PROGRAMME BOOK

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Health Informatics Society of Sri Lanka



Information and Communication Technology Agency

Co-Organizers



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Message from His Excellency Maithripala Sirisena President of the Democratic Socialist Republic of Sri Lanka



I am pleased to send this message of felicitation to the “eHealth Asia 2015” conference organized jointly by the Health Informatics Society of Sri Lanka and the Information and Communication Technology Agency of Sri Lanka in collaboration with the Asian eHealth Information Network and a host of other local and international partners including the Ministry of Health.

I recall my participation in the first in the series of conference organised by the Health Informatics Society of Sri Lanka, eHealth Sri Lanka 2010, in 2010.

I am happy to see the progress that has been made since then. I am particularly pleased with the fact that the members of the Society have helped the Postgraduate Institute of Medicine to produce 84 graduates in Biomedical Informatics in the past 5 years and that those graduates are helping to develop eHealth in Sri Lanka.

I am also pleased to note that the Information and Communication Technology Agency, which is entrusted with the task of spearheading the development of Information and Communication Technology in the country has partnered with the Health Informatics Society of Sri Lanka to take forward the very important task of developing the Health Sector of our country and globalising the achievements of our health sector.

I wish the conference every success.

**Message From Honourable Dr. Rajitha Senaratne The
Minister of Health, Nutrition and Indigenous Medicine of
The Democratic Socialist Republic of Sri Lanka**



It gives me great pleasure to be invited to be the Guest of Honour at the Inauguration of eHealth Asia 2015 conference organized by the Health Informatics Society of Sri Lanka and the Information Communication Technology Agency of Sri Lanka in collaboration with the Asian eHealth Information Network.

I understand that one of the main objective of this conference is to showcase the work done by the holders of the MSc in Biomedical Informatics conferred by the Postgraduate Institute of Medicine of the University of Colombo who are now working as Medical Officers/Dental Surgeons in Health Informatics in various institutions coming under my Ministry. I am very pleased to say that we have been extremely happy with the invaluable services provided by these graduates. They have helped to improve the information systems in the health sector which would in turn contribute to better quality of care provided by the health Services.

In addition to that the conference is a great opportunity to network among local and international development partners in eHealth. I am particularly pleased to see the Asian eHealth Information Network joining hands to co-organise this event. I wish to invite the network to organise more of their conferences in Sri Lanka. We would be happy to facilitate them.

I am particularly pleased to see the participation of the corporate sector in this conference, not just as sponsors, but as resource persons. Private public partnership is essential as we move forward in eHealth in Sri Lanka. Health information from both the private and public sectors have to be merged together if we are to have a true picture of the true burden of disease in our country which is essential for policy planning.

I wish this conference every success.

Message from Professor Vajira H. W. Dissanayake President, Health Informatics Society of Sri Lanka



It gives me great pleasure to welcome all of you to eHealth Asia 2015. This conference is another milestone in a long journey of promoting eHealth in the Health Sector of Sri Lanka which began with the establishment of a Computer Committee in the Sri Lanka Medical Association in 1996. That effort gathered momentum with the formation of the Health Informatics Society of Sri Lanka in 1998 and was consolidated with the commencement of the MSc in Biomedical Informatics at the Postgraduate Institute of Medicine (PGIM), University of Colombo in 2008.

The course has now produced over 80 graduates who are spearheading the development of eHealth in the health sector of Sri Lanka. These graduates are a unique resource that no other country in the world has in their health sector. We have been showcasing some of the work that they have been doing at our past conferences.

This year is a special year, we have partnered with the Asian eHealth Information Network to showcase this work to the Asian region. I wish to thank the conference co-chair Dr. Alvin Marcelo for the support he has given us to make this conference a success.

Once again, I welcome all of you to eHealth Asia 2015 and hope that you will have a stimulating conference and an enjoyable stay in Sri Lanka.

Message from Dr. Alvin Marcelo
President, Asian eHealth Information Network



As global institutions reach consensus on the Post-2015 Development Agenda, it is imperative that countries be prepared for the new indicators that will be used to measure progress and accountability. There have been tremendous lessons from the Millennium Development Goals and these should inform countries as they shift to the new agenda. The new global indicators will influence the design of our health information systems.

Sri Lanka is fortunate to have a vibrant health informatics community that is a beacon to the region. While it is important for government to create a nurturing environment for eHealth development, the role of civil society cannot be ignored and should be leveraged. Such is the contribution of the Health Informatics Society of Sri Lanka to the Asian region and to the world.

I invite the delegate to participate actively in all the sessions. These were designed to give a wide perspective on the state-of-the-art of eHealth as well as ground the audience on the realities of implementation. Ultimately, information systems integrate much the same way clinicians gather data from various sources to care for a patient. Interoperability is our siren call. Let us all come together and build healthcare systems that are safe and efficient for all.

Message from Chitranganie Mubarak
Chairperson, Information and Communication Technology Agency of
Sri Lanka



The Information and Communication Technology Agency (ICTA) is delighted to partner the Health Informatics Society of Sri Lanka (HISSL) and the Asia e Health Information Network (AeHIN) in organizing eHealth Asia 2015.

ICTA is strongly committed to ensuring that Sri Lanka benefits from the rapid developments in the domain of Information and Communication Technologies. The potential for leveraging on ICTs for improving the economy of Sri Lanka, reducing poverty and improving the quality of life of its people is immense. Of major significance is the role that ICTs can play in ensuring the health and wellbeing of our people. The HISSL has contributed immensely towards the development of e-Health in Sri Lanka over the past several years. ICTA had many successful collaborations with the HISSL over the years – we have had a very fruitful and productive partnership that has led to many achievements.

Today Sri Lanka is on the threshold of a new wave of development and ICTA is poised to take advantage of this with a far reaching vision which will bring rich dividends to the Country through modern digital infrastructure and state of the art technologies. In this context e-Health Asia 2015 which addresses wide ranging aspects leveraging on ICTs for delivery of health services to people is very timely. I am also happy that AeHIN is a partner of eHealth Asia 2015 since regional collaborations are vital for strengthening national initiatives and will no doubt contribute significantly to achieving mutual goals.

On behalf of the ICTA I would like to congratulate HISSL and AeHIN for their efforts in getting this conference off the ground and wish all presenters and participants a successful and productive conference.

Message from Dr. Roshan Hewapathirana Chief Executive Officer, Health Informatics Society of Sri Lanka



It is a pleasure privilege and an honor for me to welcome all of you for eHealth Asia 2015. Its yet another great milestone for the Health Informatics Society of Sri Lanka (HISSL). The reception received and the interest expressed on the conference had been overwhelmingly encouraging.

It is a privilege for HISSL to partner with ICTA (Information Communication Technology Agency) and the AeHIN (Asia e Health Information Network). HISSLs collaborations with the ICTA and AeHIN goes many years back and has resulted in many successful outcomes. eHealth Asia 2015 will be another addition to that chain of successes. I thank ICTA and AeHIN for their contribution to eHealth Asia 2015 and to HISSL. I thank all our partners who have sponsored this event including the Ministry of Health Sri Lanka, other local and international NGOs and professional bodies, private sector industry partners and the local and international academic institutes and academics. I also thank the speakers and chairpersons for the valuable contribution they add to the conference. I also thank the participants for the enthusiasm shown in eHealth. Specially I acknowledge those who travelled from abroad just for eHealth Asia 2015 and I warmly welcome you to Sri Lanka.

In the coming year HISSL will inaugurate many partnerships with many stakeholders interested in Health Informatics like NGO's and private sector industry partners to uplift the Sri Lankan Health Informatics industry via collaborative development. HISSL intends to share its expertise in the eHealth domain as well as add quality and credibility to the local Health Informatics related projects by opening out for partnerships. HISSL believes in public private partnerships for sustainable development. HISSL looks forward to continue being the link between the Ministry of Health, NGOs, the local and international industry partners and the local and international academia, in order realize the aims of the eHealth Sri Lanka initiative.

eHealth Asia 2015 is therefore a platform and a launching pad for Health Informatics collaborations, not only for Sri Lanka, but for the whole Asian region. I, on behalf of the HISSL wish to congratulate AeHIN and ICTA for the long and fruitful relationship with HISSL which paved the way to events of this magnitude.

I wish the presenters and the audience a successful and a productive conference.

PROGRAMME AT A GLANCE

Day 1 - 13 October 2015

Time	Hall-A	Main Hall	Hall-B
8.30 am	Inauguration		
10.30 am	Tea		
11.00 am	mHealth	Key eHealth Initiatives in the National Health System of Sri Lanka	Workshop on Social Media for Medical Associations
12.30 pm	Plenary Lecture 1 - Health Information for Public Health Decision Making New Perspectives on HIS in developing countries: Expanded Public Health Informatics - Prof. Sundeep Sahay		
1.15 pm	Lunch Launch of the 'Commonwealth Evarsity'		
2.00 pm	Plenary 2 - eHealth Initiatives in Sri Lanka <i>- Dr. Champika Wickramasinghe</i>		
2.45 pm	Bio-Surveillance and Modelling in Health Care Delivery	Key eHealth Initiatives in the National Health System of Sri Lanka	Health GIS
3.45 pm	Tea		
4.00 pm	Plenary Symposium 3 - Ethics, Law and and Information security in Healthcare IT		
5.00 pm	Plenary Round Table Discussion on "The Future of Digital Health in Sri Lanka" With the participation of representatives from HISSL, ICTA, Ministry of Health, WHO and Industry Partners in collaboration with Sunday Times Business Club		
7.00 pm	Close & Cocktails		

Day 2 - 14 October 2015

Time	Hall-A	Main Hall	Hall-B
8.30 am	Imaging Informatics Applications	Key eHealth Initiatives in the National Health System of Sri Lanka	Nursing Informatics (session I)
9.45 am	Plenary 4 - Post 2015 challenges for ICT: Global burden of diseases and UHC Accelerating use of eHealth for achieving UHC and readiness for the health SDGs - Mark Landry		
10.30 am	Tea		
11.00 am	Health Administration Informatics	Key eHealth Initiatives in the National Health System of Sri Lanka	Nursing Informatics (Session II)
12.30 pm	Launch of e-Medical Center System - ICTA		
12.45 pm	Plenary 5 – Digital Inclusion in Health <i>Mr. Muhunthan Canagey</i>		
1.30 pm	Lunch		
2.15 pm	Knowledge Management and Presentation	Key eHealth Initiatives in the National Health System of Sri Lanka	Presentations by industry partners
4.00 pm	Plenary 6 - Global Initiatives on Measurement and Accountability for Results in Health "MA4Health : 5 Point Call-to-Action" - Dr. Alvin Marcelo		
4.45 pm	Closing Remarks & Tea		

PROGRAMME IN DETAIL

DAY 1: 13 OCTOBER 2015

8.30 am to 10.30 am

INAUGURATION

08.30 am	Arrival of His Excellency Maithripala Sirisena, President of the Democratic Socialist Republic of Sri Lanka
08.35 am	National Anthem
08.40 am	Lighting of the Oil Lamp
08.45 am	Welcome Address Prof. Vajira H. W. Dissanayake, President, HISSL
09.00 am	Address by Chairperson, Information Communication Technology Agency Mrs. Chitrangani Mubarak
09.10 am	Address by Chair, Asian eHealth Information Network Dr. Alvin Marcello
09.20 am	Address by Dr. Palitha Mahipala Director General of Health Services, Ministry of Health
09.30 am	Address by Honorable Dr. Rajitha Senarathne Minister of Health, Nutrition, and Indigenous Medicine
09.45 am	Address by Honorable Harin Fernando Minister of Telecommunication and Digital Infrastructure
9.55 am	Address by Honorable Lakshamn Kiriella Minister of University Education and Highways
10.05 am	Address by Honorable Ranil Wickramasinghe Prime Minister of the Democratic Socialist Republic of Sri Lanka
10.15 am	Address by His Excellency Maithripala Sirisena President of the Democratic Socialist Republic of Sri Lanka

10.30 am

TEA

11.00 am to 12.30 pm PARALLEL SESSIONS

MAIN HALL

Chairpersons: Dr SRU Wimalaratne, Dr. Muditha Hapudeniya

Key eHealth Initiatives in the National Health System of Sri Lanka



Capacity Building to Meet Post 2015 eHealth Challenges - Prof. Vajira H. W. Dissanayake, President, HISSL (Founder Chairperson, Specialty Board in Biomedical Informatics, Postgraduate Institute of Medicine, University of Colombo *vajirahwd@hotmail.com*)



National Policy Directives for Health Information and eHealth - Dr. K.K. Pradeep Sylva (Medical Officer (Health Informatics), Health Information Unit, Ministry of Health. *pradeepsylva@gmail.com*)



Personal Healthcare Number: Client Identification in the Health Domain - Dr. Clive James (Medical Officer (Health Informatics), Health Information Unit, Ministry of Health. *clive.jms@gmail.com*)



eIMMR: Timely and Accurate Morbidity - Mortality Statistics - Dr. Nadish Kariyawasam, Dr. Buddhika Dayaratne (Medical Officer (Health Informatics), Medical Statistics Unit, Ministry of Health. *buddika_dayaratne@yahoo.com*)

HALL A

mHealth

Chairpersons: Dr. Nishan Siriwardane, Dr. Sanath Thubellage



Digital Primary Care. Reaching the Unreached
Prof. S Arulraj, President, Commonwealth Medical Trust
(Adjunct Professor of Medicine at the Dr MGR Medical University,
Chennai. drarulrhaj@gmail.com)



Speakup, Mobile Application to Overcome Stuttering -
Alagarasan Mahalingam (Director/Project Manager at
Iykons Innovations & Consultancy (Pvt) LTD)

Integrating Mobile Application into Monitoring & Data Collecting in
Community Base Activities - Ms Nadeesha Thilakarathne (B.Sc.
Information & Communication Technology Rajarata University of Sri
Lanka)



Feasibility of Research Data Collection to an Online
Database Using Smartphones and Tablets for a Community
Survey on Sexual Dysfunctions - Dr. Prabhath Ranasinghe
(Registrar in Community Medicine Regional Director of Health
Services Office Kegalle. prabhathaya@yahoo.com)

HALL B

Workshop on Social Media for Medical Associations

Introduction to social media
Planning out your social media
Setting up your social media pages
About landing pages & website design
How to make your posts drive traffic
How do I know what is working and what is not?
Advertising on Facebook
A bit about other networks
Running your daily life and your members



- Dr. Rikaz Sheriff (Medical Officer (Health Informatics),
National Institute of Mental Health, Sri Lanka.
rikaz.sheriff@gmail.com)

12.30 pm

PLENARY LECTURE

Chairpersons: Prof. Vajira H. W. Dissanayake, Dr. Pradeep Sylva

New Perspectives on HIS in developing countries: "Expanded Public Health Informatics"



Prof. Sundeep Sahay, Department of Informatics,
University of Oslo, Norway

1.15 pm

LUNCH

Launch of the 'Commonwealth Evarsity'

Chairperson: Dr. Vijay Kumar – Regional Vice President for South Asia,
Commonwealth Medical Association

Prof. Arul Raj, President, Commonwealth Medical Association Trust

Dr. Solaiman Juman, President, Commonwealth Medical Association,

Prof. Vajira H. W. Dissanayake, President Elect, Commonwealth Medical
Association

Mr. M.N. Rao, Director, Medisys, Hyderabad, India.

2.00 pm

PLENARY LECTURE

Chairpersons: Prof. Vajira H. W. Dissanayake, Dr. Alvin Marcello

eHealth Initiatives in Sri Lanka



Dr. Champika Wickramasinghe, Director Health
Information: Ministry of Health (Director, Health
Information Medical Services in the Ministry of Health Sri
Lanka. scwickrama@gmail.com)

2.45 pm to 3.45pm

PARALLEL SESSIONS

MAIN HALL

Key eHealth Initiatives in the National Health System of Sri Lanka

Chairpersons: Dr. Chaminda Weerabaddana, Dr. Saminda M. Dharmarathne



eHospital Dompe and "mChannelling" - Dr. Sampath Kulathilaka (Medical Officer In-Charge of the "eHospital-Dompe" Project at the District Hospital, Dompe, Sri Lanka. drsampathkulathilaka@gmail.com)



Improvement of Outpatient Services in a Base Hospital Through an Interoperable Information System: a Case Study. - Dr. Samantha Ranasinghe (Deputy Medical superintendent at the Base Hospital, Panadura. rgamege@gmail.com)



Developing and Implementing a Hospital Information Management System - Dr. *Nishan Siriwardana* (Medical Officer (Health Informatics), Health Information and Research Unit, National Cancer Institute. Maharagama siriwardenanishan@gmail.com)



Transitioning from a Decade Old Legacy System: Experience at Provincial General Hospital Kurunegala - Dr. Prasad Ranatunga (Medical Officer (Health Informatics) at the Provincial General Hospital Kurunegala. ranatunga.lk@gmail.com)

HALL A

Bio-Surveillance and Modelling in Health Care Delivery

Chairpersons: Dr. Achala Jayathilake, Dr. Buddhika Ariyaratne

Spatial Relationships of Dengue Morbidity in Kandy District - Dr.

Chandana Wijesinghe (Post graduate trainee in MD Medical Administration.
chandana231@gmail.com)



Comparing Different Data Models and Predicting Future Risk of a Patient Using Healthcare Data - Dr. Rabindra Bista, Nepal (Assistant Professor in the Computer Science and Engineering, Kathmandu University, Nepal. *rbista@ku.edu.np*)



Health Information Systems and Clinical Teaching - Dr. Nishan Silva (MEDICAL OFFICER Ministry of Health Sri Lanka, Trainee in BioMedical Informatics. *snishansilva@gmail.com*)

HALL B

Health GIS

Chairpersons: Dr. Mayura Yapa, Mr. Shriyananda Rathnayake



Introduction to Health GIS – Dr. B.D.W. Jayamanne (Medical Officer (Health Informatics), National Dengue Control Unit, Sri Lanka)



Application of Mobile technology for Health GIS: Dengue surveillance Tracking System - Lt. Col. L.R.K. Kahandagamge (Sri Lanka Army).



(Medical Officer, Ministry of Health, Sri Lanka, Trainee in BioMedical Informatics. pamod@pamod.net)

4.00 pm

TEA

4.15 pm

PLENARY SYMPOSIUM

Chairpersons: Prof. Vajira H. W. Dissanayake, Dr. Arjuna Wijekoon

Ethics, Law and Information Security in Healthcare IT



Ethical implications of new trends in Healthcare IT -
Dr. Kusal Wijayaweera (Medical Officer (Health Informatics) in the Ministry of Health.
kusalwijayaweera@yahoo.com)



Essential reforms to the Sri Lankan legal system in view of new Trends in Healthcare IT - Mr. Jayantha Fernando, ICTA (Attorney at Law. jayantha.fdo@gmail.com)



Essential Information Security controls in protecting sensitive patient information in the era of BigData - Mr. Kanishka Yapa, SLCERT

5.00 pm

PLENARY ROUND TABLE

Round Table Discussion on "The Future of Digital Health in Sri Lanka" in collaboration with Sunday Times Business Club

7.00 pm

CLOSE & COCKTAILS

DAY 2: 14 OCTOBER 2015

8.30 am - 9.45 am

PARALLEL SYMPOSIA

MAIN HALL

Key eHealth Initiatives in the National Health System of Sri Lanka

Chairpersons: Dr. Rohana Marasinghe, Dr. R. Niranjana



Electronic Recording and Reporting of Tuberculosis and Chest Diseases in Sri Lanka - Dr Pramila Liyanage (Medical Officer (Health Informatics) and Head of Health Information and Management Unit of the National Programme for Tuberculosis Control. pramilcl@gmail.com)



NCD Surveillance System - Dr. Deepal Wijesooriya (Medical Officer (Health Informatics) at the National Institute of Health (NIHS), Kalutara. deepalwijesooriya@gmail.com)



Grass root level health worker attitude towards ICT - Dr. Pamod Amarakoon (Medical Officer, Ministry of Health Sri Lanka, Trainee in BioMedical Informatics. pamod@pamod.net)



Open Source Adoption for Health Sector Disaster Management: A Sri Lankan Experience - Dr. Janaka Wickramaratne (Medical Officer (Health Informatics). drjanakacw@gmail.com)

HALL A

Imaging Informatics Applications

Chairpersons: Dr. Chaminda Weerabaddana, Dr. Praveen De Silva



Low Cost Virtual Reality Laparoscopic Simulator - Mr Pasindu Kuruppuarachchi (Final Year Student at Sri Lanka Institute of Information Technology.
pasindumanisha@yahoo.com)

Use of Open Source DICOM Software in Radiology- a Single Center Experience - Dr. Aruna Pallewatte



Design and Implementation of Picture Archiving and Communication System - Ms Dinithi Weerasena (Research Assistant. *chameli.w@gmail.com*)

Introduction to PACS at DGH Trincomalee: Issues and Challenges - Dr. Pragash Rajendiren (Director DGH Trincomalee. *pragash@consultant.com*)

PACS Solutions - Meddiiff Technologies /Epic Technology Group

HALL B

Nursing Informatics (session I)

Chairperson: Dr. Nishan Silva



Future scope of Nursing Informatics in Sri Lanka - From an Administrative Perspective - Dr. Kithsiri Edirisinghe (Deputy Chairman, Director Academics, International Institute of Sri Lanka. *drkithsiri@iihsciences.com*)



Nursing Informatics (Information Seeking and Information Needs): Webinar/Skype - Facilitated by IIHS - Associate Prof. Elizabeth Borycki (Associate Professor in Health Information Science at the University of Victoria, Victoria, Canada. *emb@uvic.ca*)



Healthcare Information Technology and Nursing (as a profession) challenges: Webinar/Skype - Facilitated by IIHS - Prof. Tony Sahama (Senior Lecturer at the Science and Engineering Faculty of Queensland University of Technology, Brisbane Australia. t.sahama@qut.edu.au)



Disruptive Technologies in Nursing (as a profession): Webinar/Skype - Facilitated by IIHS - Ms Joanne Foster (Lecturer at the Faculty of Health; School – Nursing of Queensland University of Technology, Brisbane Australia. j.foster@qut.edu.au)

9.45 am

PLENARY LECTURE

Chairpersons: Dr. Alvin Marcello, Dr. Roshan Hewapathirana

Post 2015 challenges for ICT: Global burden of diseases and UHC

Accelerating use of eHealth for achieving UHC and readiness for the health SDGs



Mark Landry, World Health Organisation, SEARO, New Delhi

10.30 am

TEA

11.00 am - 12.30 pm

PARALLEL SYMPOSIA

MAIN HALL

Key eHealth Initiatives in the National Health System of Sri Lanka

Chairpersons: Dr. BJC Perera, Dr. Deepal Wijesuriya



Implementing a hospital wide infrastructure development in the second largest hospital in Sri Lanka: Experience at Teaching Hospital - Kandy -Dr. Saminda M. Dharmarathna (Medical Officer (Health Informatics) and Medical Officer In charge of the Health Information and Research Unit, Teaching Hospital, Kandy. samindamadhu.lk@gmail.com)



Free and Open Source for Injury Surveillance - Dr. Megha Ganewatta (Medical Officer, Ministry of Health, Sri Lanka, Trainee in BioMedical Informatics. meghasl@gmail.com)

An ICT Solution for the National Immunisation Programme: WEBIIS -Dr. Chatura Edirisooriya, Dr Lasantha Liyanage

HALL A

Health Administration Informatics

Chairpersons: - Dr Al Jagoda, Dr MASC Samarakoon



Health Institution Performance and Facility Information System –

Dr. Subodha Manoj (Medical Officer (Health Informatics), Ministry of Health, Sri Lanka)



mHealth solution to improve the skills and performance of health workers and to strengthen the health monitoring system - Dr. Achchuthan Muthulingam (Medical officer of Maternal and Child Health for Batticaloa District, Sri Lanka. m.achchuthan@gmail.com)



Economical Web Based Electronic Health Record (EHR) Solution for ICU. - Dr. Roshana Mallawaarachchi. (Registrar in Anaesthesiology at Teaching Hospital Kandy. roshana@mallawaarachchi.com)



Importance of Using dm+d of NHS - Dr. M. H. B. Ariyaratne (Medical Officer (Health Informatics) in the Department of Health Services of the Southern Province. buddhika.ari@gmail.com)



A Process of automating research administration data by using a customized software: RedCap - Dr. L.A. Neranga Prabhath (Medical Office (Health Informatics), Education and Training and Research Unit, Ministry of Health. neranga.liyanaarachchi@gmail.com)

HALL B

Nursing Informatics (Session II)

Chairpersons: Dr. Nishan Silva



Using Information Systems in Australian Health Care Settings - Ms. Nadeeka Jayasinghe (Senior Lecturer, Faculty of Nursing, International Institute of Health Sciences Sri Lanka. nadeeka@iihsciences.com)

Preparing Undergraduate Students For Nursing In The Digital Age - Liz Cummings, Lisa Dalton, Maree B. Bauld (Bachelor of Health Course



Coordinator and Acting Coordinator of Professional Experience Placement, the School Health Sciences (formally School of Nursing and Midwifery), Faculty of Health, at the University of Tasmania. maree.bauld@utas.edu.au)

Panel Discussion / Live Webinar

12.30 pm

Launch of e-Medical Center System - ICTA



Mr. Shriyananda Rathnayake (Programme Manager at ICT Agency of Sri Lanka)

12.45 pm

PLENARY LECTURE

Chairpersons: Prof. Vajira H. W. Dissanayake, Dr. Clive James

Digital Inclusion in Health



Mr. Muhunthan Canagey, CEO ICTA

1.30 pm

LUNCH

2.15 pm to 3.45 pm

PARALLEL SYMPOSIA

MAIN HALL

Key eHealth Initiatives in the National Health System of Sri Lanka

Chairpersons: Dr. Champika Wickramasinghe, Dr. Priyanga Senanayake



Provincial eHealth Policy and eReadiness - Dr. Arjuna Wijekoon (Head of the Health Information Management Unit, Chief Innovation Officer, and Secretary of the Ethics Review Committee of the Department of Health Services, North-Western Province of Sri Lanka. aawijekoon@gmail.com)



Automated human Resource Allocation System for State Health Sector - Dr. Ravi R. Wickramaratne (Medical Officer/Health Informatics), Medical Service Information Unit (MSIU), DDG/ MS II division, Ministry of Health, Sri Lanka. ravirwick@gmail.com)



Telehealth for the Masses - Dr. Nishan Siriwardena (Medical Officer (Health Informatics), Health Information and Research Unit at the National Cancer Institute. siriwardenanishan@gmail.com)



Continuous Professional Development through eLearning System for Sri Lankan Health Professionals - Dr. Gumindu Kulatunga (Medical Officer (Health Informatics), Health Education Bureau, Colombo)

HALL A

Knowledge Management and Presentation

Chairpersons: Dr. Prasad Ranatunge, Dr Nirmala Cooray



Adopting Healthcare Big Data in Sri Lankan Healthcare Sector - Miss Chathurika Wickramage (Lecturer in Department of Computer Science, Faculty of Science, University of Ruhuna, Sri Lanka. chathuridwc@gmail.com)



Unstructured to Structured Information Conversion for Extracting Meaningful Clinical Information From Medical Notes - Dr. Rabindra Bista (Assistant Professor in the Computer Science and Engineering, Kathmandu University, Nepal. rbista@ku.edu.np)



Localization of DHIS 2; an Open Source Health Information System to Sinhala Language - Dr. Jayathri Wijayarathne (Medical Officer, Ministry of Health, Sri Lanka, Trainee in BioMedical Informatics. jayathriwijayarathne@gmail.com)



Techno-Platform Independence Interpolation in HL7 Ontologies - Mr. Ishan Sabar (*Pursuing IT-related post-graduate research at the University of Sri Jayawardenapura.* ishan.res@gmail.com)

Adoption of a modified process for the development of minimum clinical dataset to improve the data quality - Dr. L.A. Neranga Prabhath (Medical Officer (Health Informatics), Education and Training and Research unit, Ministry of Health. neranga.liyanaarachchi@gmail.com)

HALL B

Presentations by industry partners

Chairpersons: Dr. Shriyantha de Silva, Dr. Abusaeed Haniffa

Brandix i3

How Leading Healthcare Providers Save Lives through Actionable Insights
- Mr. Supun Jayathilake, Lead Solutions Architect & Mr. Asanga Nugawela,
Product Manager, Brandix i3

Tech4life

Tech4life Enterprises Leading the Global Change Through Mobile & Web
based Telemedicine - Dr. Shariq Khoja, CEO – Tech4Life Enterprises



eHealth for post 2015 public health challenges in Sri Lanka (Senior Lecturer in Biomedical Informatics at the Postgraduate Institute of Medicine, University of Colombo, Sri Lanka. achalauj@gmail.com)

4.00 pm

PLENARY LECTURE

Chairpersons: Prof. Vajira H. W. Dissanayake, Mark Landry



"MA4Health : 5 Point Call-to-Action"

Dr. Alvin Marcelo, President, Asian eHealth Information Network

4.45 pm

CLOSING REMARKS & TEA

ORGANISING COMMITTEE

Prof. Vajira H. W. Dissanayake – Chair

Dr. Alvin Marcello – Co Chair

Dr. Roshan Hewapathirana

Mr. Shriyananda Rathnayake

Dr. Chaminda Weerabaddane

Dr. Achala Jayathilake

Dr. Prasad Ranathunga

Dr. Janaka Wickramarathne

Dr. Pamod Amarakoon

Dr. Megha Ganewatta

Dr. Jayathri Wijerathne

Dr. Hashan Kulasiri

Dr. A.I.A. Ziyad

Dr. Nishan Silva

Ms. Harshya Senarathne



Asian Journal of Health Informatics

The 'Asian Journal of Health Informatics' (AJHI) is the official scientific of the Health Informatics Society of Sri Lanka (HISSL). HISSL collaborates with the Asian eHealth Information Network (AeHIN) and with its other global collaborators in forming the editorial committee of the AJHI. The president of HISSL Prof. Vajira H. W. Dissanayake and the chairperson of AeHIN Dr. Alvin Marcelo are the inaugural Joint Editors in Chief of AJHI.

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