



### Programme

#### Wednesday 23<sup>rd</sup> November

9.30am Registration

#### 10am – 4pm **WORKSHOP #1**

##### **Intelligent Data Analysis in Health Care**

##### **WHAT ARE WE DOING RIGHT - WHAT ARE WE DOING WRONG?**

10:15am Analysing medical performance evaluation data for relicensure purposes

*Presented by:* Ajit Narayanan, Auckland University of Technology

11:00am Morning tea

11:15am Identifying deficiencies in long-term condition management using electronic medical records

*Presented by:* Jim Warren, University of Auckland

12.00pm Lunch

##### **USING THE DATA WE HAVE**

12:30pm I know just what you mean - Ontologies and their uses

*Presented by:* Dave Parry, Auckland University of Technology

1:15pm The KEDRI Integrated System for Personalised Modelling: Software development and experimental results.

*Presented by:* N.Kasabov, R.Hu and Gary Chen, Auckland University of Technology

2.00pm Panel discussion

#### 10am – 4pm **WORKSHOP #2**

##### **Exploring the Interoperability Reference Architecture**

*Presented by:* Chris Lindop, General Electric with Alistair Kenworthy, Ministry of Health and David Hay, Chair HL7NZ

The National Health IT Board has commissioned the creation of an Interoperability Reference Architecture that will guide the development of standards, processes and systems with a view to supporting the National Health IT plan. Its goal, is to have by 2014 a core set of personal health information available electronically to patients and their treatment providers regardless of the setting as they access health services.

Three ‘building blocks’ have been defined:

- A common information model to be used when exchanging information between systems. Based on the international ‘CCR’ standard but using the increasingly popular archetypes promoted by the openEHR foundation, this provides a common ‘language’ when moving data around.
- A common way of packaging this information ‘on the wire’ utilizing the HL7 CDA standard that is in wide use internationally as well as in New Zealand.
- An underlying infrastructure to store, update, locate and retrieve this information based on IHE profiles, in particular the ‘XDS’ profile for cross enterprise document sharing.

This workshop will examine the third building block in some detail.

The morning will feature a short presentation of the Interoperability Reference Architecture by Alistair Kenworthy, one of the authors of that document, and the remainder of the morning with Chris Lindop describing IHE and how it fits into the healthcare interoperability space. This session is intended as an overview of the Reference Architecture and IHE and is aimed at decision makers, project managers, business analysts and those who would like a high level overview of this important subject.

In the afternoon, Chris will give a ‘deep dive’ into the XDS profile. This is an unashamedly technically orientated session, and aimed at those who will (or may be) involved in implementing some part of the XDS profile. Questions will be encouraged, and the authors of the Reference architecture will be available for any questions on any part of the Reference Architecture throughout the day.

12pm -12.45pm

Lunch for Workshop participants

4.00pm Workshops Conclude

4.00pm NZHITC AGM (Goodman Fielder room)

4.00pm HL7NZ AGM (Upper NZI room)

#### 5.00pm **WELCOME FUNCTION**

Drinks and canapés held in Exhibition Hall

Kindly sponsored by New Zealand Health IT Cluster and HINZ

