

## From Theory to Practice - using openEHR to make the EHR a reality

Hugh Leslie, Heather Leslie, Sam Heard, Heath Frankel, Ocean Informatics

The functional electronic health record has been the holy grail of health informatics for the last 30 years. In the last 10 years, there has been a significant amount of work done in many areas of theory, standards and specifications i.e. messaging standards such as HL7v2, HL7v3 and CDA R2, terminologies such as SNOMED CT and EHR specifications such as *openEHR* and CEN13606. There has been a great deal of confusion about how all the different components can or should be used to create a useful and practical health computing platform.

This workshop will use practical examples and software demonstrations to show how the *openEHR* platform can bring together archetypes and templates and SNOMED CT as well as integrate with HL7 messaging standards to create a **health computing platform**. Emphasis will be on how these technologies can realistically be deployed in today's health informatics environment rather than waiting for tomorrow to come. Real examples will show how data from legacy systems can be become semantically interoperable without re-engineering those systems and using industry standard XML technology.