

# Big Data in Healthcare conference: Harnessing NHS data and improving system efficiency

Thursday 18th October 2018

<b>08:30 - 09:30</b>	<b>Registration, refreshments, exhibition and networking</b>
<b>09:30 - 09:40</b>	<b>Opening remarks from chair</b> <i>University of Salford (Invited)</i>
<b>09:40 – 10:00</b>	<b>The future of healthcare data innovations</b>  <i>Keynote - Professor Daniel Ray, Director of Data, NHS Digital (confirmed)</i> <ul style="list-style-type: none"> <li>• Better data, better access;</li> <li>• How are changes affecting organisations nationwide;</li> <li>• How healthcare professionals should adapt to the changing big data environment;</li> <li>• Creating the right culture for large scale digital change;</li> <li>• Emerging technologies in the healthcare.</li> </ul>
<b>10:00 – 10:20</b>	<b>The architecture involved to harness NHS data</b>  <i>Edward Hiley, Principal Engineer, NHS Digital (confirmed)</i> <ul style="list-style-type: none"> <li>• The importance of trust;</li> <li>• Who has access to and control of data?</li> <li>• How NHS Digital built a highly secure and resilient system for processing patient data.</li> </ul>
<b>10:20 – 10:40</b>	<b>How to tackle big data from a security point of view</b> <i>Case Study to be delivered by: TBC</i>
<b>10:40 – 11:00</b>	<b>Questions and discussion</b>
<b>11:00 – 11:30</b>	<b>Refreshments, exhibition and networking</b>
<b>11:30 – 11:55</b>	<b>The latest research in population health management</b>  <i>Russ Charlesworth, Director of Healthcare and Social Care, Socitm Advisory (confirmed)</i> <ul style="list-style-type: none"> <li>• How new location data sources and big data analysis are key to digital transformation in healthcare;</li> <li>• Questions and discussion.</li> </ul>
<b>11:55 – 12:20</b>	<b>Artificial intelligence at Leeds</b>  <i>Richard Corbridge, Chief Digital and Information Officer, Leeds Teaching Hospitals NHS Trust (confirmed)</i> <ul style="list-style-type: none"> <li>• Implementing new technologies, driving business outcomes and improving processes</li> <li>• Augmented Clinical Intelligence at Leeds Teaching Hospitals NHS Trust;</li> <li>• Questions and discussion.</li> </ul>

12:20 – 12:30	<b>Movement to seminars</b>		
12:30 – 13:00	<b>Seminar stream 1</b>		
	<b>SEMINAR A</b> <i>TBC</i> <i>Data management</i>	<b>SEMINAR B</b> <i>TBC</i> <i>Apps and wearables</i>	<b>SEMINAR C</b> <i>TBC</i> <i>Cloud</i>
13:00 – 14:00	<b>Lunch, exhibition and networking</b>		
14:00 – 14:05	Please make your way to your chosen room – 10 minute turnaround		
14:05 – 14:35	<b>Seminar stream 2</b>		
	<b>SEMINAR D</b> <i>TBC</i> <i>Data software</i>	<b>SEMINAR E</b> <i>TBC</i> <i>Cyber Security</i>	<b>SEMINAR F</b> <i>TBC</i> <i>GDPR</i>
14:35 – 14:40	Please make your way back to the main conference room – 10 minute turnaround		
14:40 – 15:05	<p><b>Greater Manchester’s journey to become a Local Health and Care Record Exemplar (LHCRE)</b></p> <p><i>Stephen Dobson, Chief Digital Officer, GM IM&amp;T Program, Greater Manchester Health and Social Care Partnership (confirmed)</i></p> <ul style="list-style-type: none"> <li>• Greater Manchester’s plan to reduce unnecessary patient tests;</li> <li>• Providing staff with improved access to appropriate patient data in order to offer the right care as quickly as possible;</li> <li>• How is data shared, what are the outcomes and the architecture behind implementing the initiative;</li> <li>• How to deal with vendors;</li> <li>• Questions and discussion.</li> </ul>		
15:05 – 15:25	<p><b>Implementing business analytics</b></p> <p><i>Case Study to be delivered by: TBC</i></p>		
15:25 – 15:55	<b>Refreshments, exhibition &amp; networking</b>		
15:55 – 16:20	<p><b>Implementing data analytics</b></p> <p><i>Mark Singleton, Acting Associate Director of IM&amp;T, Wrightington, Wigan and Leigh NHS Foundation Trust (confirmed)</i></p> <ul style="list-style-type: none"> <li>• The implementation of visual analytics to save millions in efficiency savings;</li> <li>• How are patients benefiting from visual analytics?</li> <li>• Building a data driven culture for digital change;</li> <li>• Questions and discussion.</li> </ul>		
16:20 – 16:45	<p><b>An update on the Global Digital Exemplar programme</b></p> <p><i>Salford Royal Foundation Trust (Invited)</i></p> <ul style="list-style-type: none"> <li>• An update on the Global Digital Exemplar (GDE) programme;</li> <li>• Spreading best practice and innovation;</li> <li>• The importance of digital skills;</li> <li>• Clinical Security as a priority for Global Digital Exemplars;</li> <li>• A case study of joining up and digitalising health systems to provide clinicians with more timely access to accurate</li> </ul>		

	information, support service change to help improve health for all; <ul style="list-style-type: none"><li>• Questions and discussion.</li></ul>
<b>16:45 – 16:50</b>	<b>Closing remarks from chair</b>
	<b>Close of conference</b>