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| Newsletter 18 for EKTG for eTechnology  |

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| ****EKTG for eTechnology**** |

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|   Welcome to our 18th Newsletter.   **Up Coming Events** **We plan a series of Webinars and the details will follow but please join us:**  **Digital Services in the Community - a Better Understanding** Date: Wednesday, 24th June 2020 **Time**: 13.20 - 14.30 BST   14.20 - 15.30 CET **The Webinar Team includes several EKTG International Ambassadors:**Maggie Ellis, EKTG CoordinatorChristiane Brockes, Switzerland,Henk-Herman Nap, The Netherlands,Sofia Moreno-Perez, Spain,  We believe that the changing demography coupled with fast evolving mobile technologies creates a huge opportunity for innovation in delivering services in the community, especially to and with older and disabled people. We were established by senior officials in Brussels and there is a growing commitment across many nations to rapid deployment of services. **We will debate these issues and opportunities with you.** Registration here: westsqas@mac.com  **TFI Hub Briefing Event Webinar****Date**: Thursday, 9th July 2020 Find out about the £5m investment in a Research and Innovation Hub from the Transforming Foundation Industries ISCF Challenge at our webinar. The Transforming Foundation Industries ISCF challenge will be investing up to £5m in a Research and Innovation Hub which will be delivered by EPSRC on behalf of UKRI. The aim of this challenge is to enable the foundation industries (made of six separate sectors: metal, glass, ceramics, paper, cement and bulk chemicals) to work together to address their common challenges of competitiveness and sustainability. The Research and Innovation Hub will provide a new cross-sector and multi-disciplinary research focus for the ‘ISCF Transforming Foundation Industries’ programme. **The aims of the webinar are to:** * Provide information on the background of the Challenge
* Answer any questions about the scope of the call
* Provide an opportunity to network between different sectors and disciplines
* This should propel discussions for collaborations on submitting a Research and Innovation Hub grant.

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| [Register here](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=5a61cc572e&e=a638b64548) |

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**Forthcoming future event webinar (July date to be announced soon):**  **Digital Services and technologies can support people and their carers, how can they control the technology**The Webinar Team includes:Steve Hope,Ann Williams,Liz Mestheneos,Richard Foggie  |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ****New International Ambassador****We would like to welcome an new International Ambassador:Ai-Lian Lim, DPS, OTR/L, Director of Occupational Therapy, Bellevue Hospital, New York, and Professor, NYU School of Medicine.Two years ago when we had our workshop at AAL Forum in Bilbao, Spain, we were joined by a major contributor from New York, Ai-Lian Lim. At the time she was invited to join our International Ambassadors list and we are delighted that she has now accepted. Recently we had a short note in the EKTG Newsletter about her working as Head of Occupational Therapy at the largest Public Sector hospital in New York, the Bellevue Hospital, as well as being a Professor at NY university.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Researchers Identify Healthcare Data Defects**Researchers at the University of Maryland, Baltimore County (UMBC) have developed a method to investigate the quality of healthcare data using a systematic approach, which is based on creating a taxonomy for data defects thorough literature review and examination of data. Using that taxonomy, the researchers developed software that automatically detects data defects effectively and efficiently.[READ MORE](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=e770679004&e=a638b64548) **Digital Contact Tracing for COVID-19: An Analysis of Strengths and Limitations**An article in CMAJ (Canadian Medical Association Journal) analyzes the strengths and limitations of digital contact tracing for people infected with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) to help governments decide if and how they might adopt this technology.[READ MORE](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=2b92acdb1f&e=a638b64548)**Philips Launches Next Generation Wearable Biosensor for Early Patient Deterioration Detection, Including Clinical Surveillance for COVID-19**Royal Philips (NYSE: PHG, AEX: PHIA), a global leader in health technology, today announced it has received 510(k) clearance from the U.S. Food and Drug Administration (FDA) for its wearable biosensor (Philips Biosensor BX100) to help manage confirmed and suspected COVID-19 patients in the hospital.[READ MORE](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=eb3202a25e&e=a638b64548)**Telehealth Tools Developed for Ebola Improve COVID-19 Care**Telemedicine tools developed at UVA Health to battle Ebola have huge potential in the fight against COVID-19, UVA experts report in a new scientific paper. The tools, they say, allow doctors to provide personal, high-quality care while conserving vital personal protective equipment and reducing infection risks.[READ MORE](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=e6ce040082&e=a638b64548) **Artificial Intelligence can Improve How Chest Images Are Used in Care of COVID-19 Patients**According to a recent report by Johns Hopkins Medicine researchers, artificial intelligence (AI) should be used to expand the role of chest X-ray imaging - using computed tomography, or CT - in diagnosing and assessing coronavirus infection so that it can be more than just a means of screening for signs of COVID-19 in a patient's lungs.[READ MORE](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=ff619192e7&e=a638b64548)  **Philips Launches Next Generation Wearable Biosensor for Early Patient Deterioration Detection, Including Clinical Surveillance for COVID-19**Royal Philips (NYSE: PHG, AEX: PHIA), a global leader in health technology, announced it has received 510(k) clearance from the U.S. Food and Drug Administration (FDA) for its wearable biosensor (Philips Biosensor BX100) to help manage confirmed and suspected COVID-19 patients in the hospital.[READ MORE](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=e91826f590&e=a638b64548)  **Mental Health Prescribing Goes Digital at Humber, Enhancing Patient Safety**Humber Teaching NHS Foundation Trust, with services focused on citizens across a large area of Yorkshire, has gone live with DXC Lorenzo Electronic Prescribing and Medication Management (ePMA), a new digital approach to prescribing and administering medicines for NHS mental health professionals.[READ MORE](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=5b7ec150a5&e=a638b64548)  **Researchers Identify Healthcare Data Defects**Researchers at the University of Maryland, Baltimore County (UMBC) have developed a method to investigate the quality of healthcare data using a systematic approach, which is based on creating a taxonomy for data defects thorough literature review and examination of data. 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She contends that these companies are already looking for public investment to do this in the US. Where humans gather in groups, meet face-to-face, such arrangements will change. Presently, we neither have cure nor inoculation to deal with coronavirus. She says "the trouble, as always in these moments of collective shock, is the absence of public debate about what those changes should look like, and who they should benefit – private tech companies or, for instance, those who are unwell? She argues for an evidence-based debate about the pros and cons of spending scarce public resources on, for instance, telehealth rather than on more trained nurses, equipped with all the necessary protective equipment, who are able to make house calls to diagnose and treat patients in their homes.[Read More](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=52759744ed&e=a638b64548)****By Robot: Shopping deliveries coming to your door at 4mph.****Stores and shoppers are turning to AI innovations to get their groceries home [Read More](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=d460eda927&e=a638b64548) The Next EKTG Newsletter will include similar material. If you would like to suggest materialplease email Maggie Ellis at *EKTG.eTechnology@gmail.com* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ If you want to know more about us you can download a document that outlinesthe [*background and history of EKTG*](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=6420373a81&e=a638b64548)[*.*](https://innovateuk.us12.list-manage.com/track/click?u=67744b2cb64423c16bf1d1207&id=dc1161a847&e=a638b64548) Please Note: The EKTG for eTechnology is not responsible for content from third-party documents and web-sites.    |

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