Digital Connection

driving business growth through digital innovation

Institute for Informatics & Digital Innovation

Edinburgh Napier UNIVERSITY

February 2014

Greetings from IIDI

Welcome to the Institute for Informatics and Digital Innovation's new newsletter where we hope to keep you informed on our latest achievements, research projects and some of our exciting collaborations with industry.

There were so many exciting things happening last year in IIDI that's it's been difficult to choose highlights………we have selected some of our favourites below.

€500k European Funding to Support the Fight Against Cybercrime

The Institute has secured €500,000 to develop a virtual training environment supporting law enforcement agencies, judicial authorities and the private sector in the fight against cybercrime.

Dynamic Forensics Evaluation and Training (DFET) will create, deliver and assess a range of investigation challenges focussed on areas including financial fraud, illegal use of the internet and distribution of contraband material.

DFET commences in January 2014 and includes academic and industrial Partners from Ireland, Slovenia and Sweden. DFET is part funded by the European Union's Prevention of and Fight against Crime Programme.

Learn more:
Contact Bill Buchanan

More companies turning to ICE
Digital Interactive Collaborative Environments for a Connected World

Today information is held on an ever growing range of devices – from tablets, laptops, mobiles, PCs and cloud services. For effective collaboration these tools need to be able to share information so that work meetings can draw on all the rich information participants can contribute. Moreover displaying this information clearly and allowing participants to interact with it using touch screens helps the free flow of ideas, and information capture using advanced technologies.

Oli Mival has hosted a range of blue chip companies in the past months wanting to learn more and has just completed a major installation with Enquest, a major Oil company.

IIDI News

New spin-out aims to make a major impact in Trust and Governance

Emma Hart appointed as Associate Editor of the Journal of Evolutionary Computation (MITPress)

Professor Jessie Kennedy awarded BBSRC network grant in Biological Visualisation

Twitter: @IIDI_napier

Contact us

To discuss how IIDI can help your organisation please contact:

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Learn more:
More about ICE

Wildlife Evaluation studies for Wind Farms powered by new digital geolocation tool

Decisions on Windfarm licences, major new building developments involve considering multiple impacts including that on wildlife. To help a Scottish company that specialises in detailed wildlife evaluation reports we built a mobile app which precisely located on a map sighting, and enables further key details to be readily captured, and for all the data to be readily downloaded into spreadsheets for analysis purposes. The days of struggling with wet old OS maps, note books, pens that did not work in the cold or rain are gone. Another happy customer!

Learn more:
Contact Elias Ekonomou

Growing revenues and enhancing retention through Digital Services

 In recent months we have begun working with a number of SMEs to develop mobile applications to help them grow revenue and keep customers "sticky". However in every case our clients are recognising the need to go to the next stage and develop digital platforms to capture, store and then use the insights the data can provide to continuously improve their business – how to improve the training material, what part of the screen design did users not like, which devices are customers using to log on, when are customers using the service...

Learn more:
Contact Brian Davison

Cyber Security Professional Training

Police officers received specialist training from our own Cyber Security experts here at Edinburgh Napier in late 2013 and Det Insp Eamonn Keane of Police Scotland's e-crime unit said: 'In light of recent tragedies with regards to cyber-enabled crime, we need to skill-up police in Scotland to tackle this new phenomenon in crime investigation.' The training offered received a great amount of media attention and Jamie Brogan, Business Engagement Manager in Commercial Services recognised the demand for more training like this.

Jamie has been working alongside Professor Bill Buchanan from IIDI to deliver a suite of training courses for Cyber Security Professionals. Courses provide opportunities for IT and other professionals to develop their skills in this critical area, and can be tailored to the needs of individuals, teams and organisations.

Learn more:
For more information on any of the courses and how they can be tailored to an organisation's needs please contact Jamie Brogan or Bill Buchanan

Who we are & what we do

The Institute for Informatics and Digital Innovation is a strong multi-disciplinary team of technology experts from within Edinburgh Napier's Faculty of Engineering, Computing and Creative Industries.

Our staff offer a unique, cost effective ICT capability drawing on academic research to help your organisation grow. We specialise in applied research and knowledge exchange across the Digital and Information Technology space. Bringing our independence of mind, research on future capabilities, and experience of advising firms big and small we can help your organisation grow.

Ease the cost of digital development

Whatever the challenge you face, we can bring the right people together in a multidisciplinary team to help you tackle it. Take a look at the IIDI website for more information on the services we provide to industry.

To learn how Edinburgh Napier can help grow your business, visit <u>www.iidi.napier.ac.uk</u>