知的コミュニティ基盤研究センター
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# 第113回　研究談話会

日時：2014年6月30日（月）　15:15-16:15

場所：筑波大学　筑波キャンパス　春日エリア　大会議室(7B310)

**表題: Lifelogging: Creating the Personal Digital Assistant**

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Abstract. Lifelogging is a form of pervasive computing which represents a phenomenon whereby people can digitally record their own daily lives in varying amounts of detail, for a variety of purposes. In a sense it represents the ultimate "black box" of a human's life activities and it offers huge potential for mining or inferring knowledge to assist us in daily life. We are currently observing a convergence of technologies which are creating the conditions for the emergence of lifelogging as a mainstream activity; computer storage has become cheap, there are readily available sensing technologies for both the person as well as location and environment and there is growing interest in the phenomenon of sensing and recording oneself, the quantified-self movement.

In this talk I will introduce and motivate the concept of maintaining lifelogs, which are set to revolutionize our personal lives, healthcare, learning and productivity. I will discuss my own motivation for becoming a lifelogger, as well as what I have learned from this process. With the viewpoint of an Information Retrieval scientist, I will motivate and describe the technical challenges to be addressed and introduce the research to address these challenges, research that points to the potential advances when cognitive science meets computer science. Finally, I will introduce the technologies under development at various locations that attempt to efficiently gather flexible and extensible lifelogs. My experiences motivate this talk, as well as a passion for researching the technical challenges of Lifelogging.

Bio: Cathal Gurrin is a lecturer at the School of Computing, at Dublin City University, Ireland and he is an investigator at the Insight Centre for Data Analytics. Cathal is really a 'hands-on' researcher, so since June 2006, he has 'lived his research' and worn various sensing devices during waking hours. He has amassed a huge archive of 14 million wearable camera photos, weeks of video, sound samples and various other sensors such as location, movement, and nearby people. His research team is exploring how they can develop quantified self and lifelogging technologies that can have positive benefits in the real-world, with an initial focus on personalised healthcare and digital lifelogs. He has been the General Chair of ECIR 2011 and MMM 2014; he was the PC co-chair of ECIR 2010 and Sensecam 2013; and he was the posters/demos chair of ACM SIGIR 2013 and the demos chair of CIKM 2010.

講演は英語で行われます。

学生、教員、一般、学内外を問わずどなたでもご自由に参加ください

**主催：筑波大学 知的コミュニティ基盤研究センター**　URL: http://www.kc.tsukuba.ac.jp/index.html

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