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Security Institute Newsletter - November 2020

Welcome to the first edition of the Security Institute's newsletter. Each month we will provide updates on upcoming events, funding calls, profiles on Institute members and projects to keep you abreast of the Institute activities.

The Institute's revamped website at www.lancaster.ac.uk/security-lancaster/ provides additional updates including the archives of this newsletter.

We hope you find this newsletter to be useful! We welcome your comments and suggestions and look forward to receiving your contributions.

Kind regards

[Kathryn](#) & [Jen](#) - Editors

Meet Your Colleagues

Neeraj Suri holds the Distinguished Professorship and Chair in Cybersecurity at Lancaster University where he co-directs the university-wide Security Institute. Suri previously held the Chair Professorship on his PhD at UMass-Amherst, he has held positions at AlliedSignal/Honeywell Research, Boston Univ, Saab Endowed Chair Professorship, multiple sabbaticals at Microsoft Research, and visiting positions at the Univ of Texas at Austin, Academia Sincia, PolyU Hong Kong and Technion.

His research interests span the design, analysis and assessment of trustworthy (dependable & secure) systems and software. He is a passionate advocate of the data-centric system approach to Cybersecurity, and especially the quantification of security.

Corinne May-Chahal is an applied social scientist and co-director of Security Lancaster (SL) who has been involved in interdisciplinary research for over two decades. Collaborations have included, inter alia, health and social care, computing, psychology, applied statistics, linguistics, sociology, criminology, law and economics. As a noted academic on childhood safety, she has advised the DfE, DCMS, MoJ, NICE, and is currently Chair of the National Research Centre on Privacy, Harm Reduction and Adversarial Influence Online (REPHRAIN) Ethics Committee.

Her research in SL is focused on the sociotechnical aspects of human security through developing and applying new technologies and methodologies; initially in I SIS which created software to identify age and gender deception in computer mediated communication, followed by UDesignIT co-producing applications to facilitate the reporting of community concerns and iCOP (identifying child abuse image originations in peer to peer networks). Over the next three years Corinne will be working on a programme of research in SL examining the socio-technical aspects of autonomous systems and security. Alongside this, she is collaborating on an extension of iCOP to the ASEAN region, where

[Read the full story here.](#)

EPSRC Fellowship Win for Peter Garraghan in SCC

Congratulations to Peter Garraghan from SCC on winning a prestigious EPSRC fellowship. His research aims to radically redefine the notion of ICT sustainably and transform how we engineer and use digital infrastructure in the face of environmental change.

A \$10 million global programme of research aiming to stop online child sexual victimisation has been launched by End Violence Against Children (EVAC).

Every half second, a child goes online for the first time, 800 million children use social media and one in three Internet users worldwide is a child. At any one time 750,000 individuals

intelligence (AI) and game theory techniques will be investigated for the automated optimisation of the control and trust of digital services in this project.

Member Activities

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