



Networked Society
Institute

Networked Society Symposium

Friday 26 October 2018

Basement Theatres, Melbourne School of Design

The Networked Society Symposium (#NSS18) showcases the breadth of research occurring at the University of Melbourne's Networked Society Institute. It provides an opportunity to connect, engage and debate the matters essential to the networked society. The symposium also provides an opportunity to network with researchers, industry, policy makers and the community.

In 2018 the Networked Society Symposium will focus on digital ethics and human-computer interactions. We will be showcasing new research into how companion robots affect wellbeing, the rise of robot lawyers, data and cybersecurity. Plus, new developments in virtual reality rehabilitation, smart workwear to monitor employee health, interactive education models and so much more.

Time	Item
9:30am	<p>Welcome – B117 Theatre</p> <p>Prof Thas Nirmalathas, Director, Networked Society Institute</p> <p>Keynote</p> <p>A/Prof Leila Takayama, University of California, Santa Cruz</p> <p><i>Connecting People via Networked Robotics</i></p> <p>What does a future of networked robotics hold in store for us? As people are wildly speculating about what the future of robots will look like, this is a good time to realize that we already live in that future. We actually know a lot about what it's like to telecommute to work every day via telepresence robot. Coming from a human-robot interaction perspective, I'll be sharing some of those experiences and lessons with you. Over the past several years, I've collaborated with remote colleagues via robotic telepresence systems that enabled them to drive themselves around the office, join in those impromptu hallway meetings, pounce on us when we didn't respond to emails, and ultimately build stronger working relationships. I'll present the research lessons learned from several years of fielding prototype telepresence robots in multiple companies and running quantitative user studies in the lab to figure out how to better support remote collaboration.</p>
11:00am	<p>Morning Tea</p>

11:30am	<p>Future of Work - B117 Theatre</p> <p><i>Explore the impact of connectivity and new technology on how we work.</i></p> <ul style="list-style-type: none"> • Smartwear for Workplace Health and Safety • Co-working Ecologies and the Future of Work • Game Engines: Design, Labour, and Legality • Regulating Automated Legal Advice Technologies 	<p>Data and Cybersecurity - Singapore Theatre</p> <p><i>As networks become more pervasive, carrying ever-increasing amounts of important information, ensuring they are secure is essential. Hear from four research projects working in this area.</i></p> <ul style="list-style-type: none"> • Overcoming Traffic Flooding on Networks • Open Data in Practice • Staying Safe Online • A Sensor-Enabled Campus
1:00pm	<p>Lunch</p> <p>NSI Doctoral Academy Poster Presentations</p> <p>Interactive augmented reality (AR) history demonstrations</p>	
1:45pm	<p>Digital Transformation of Health - B117 Theatre</p> <p><i>Hear how new developments such as artificial intelligence, virtual reality, and robotics are being applied in healthcare.</i></p> <ul style="list-style-type: none"> • Social Robots for Older People • Virtual Reality Limbs Rehabilitation • Personalised Care for Type Two Diabetes • Artificial Intelligence and Bipolar Disorder 	<p>Education and Awareness - Singapore Theatre</p> <p><i>The Networked Society offers new ways to deliver formal education and important information to communities in an interactive, inclusive manner. Learn four ways the Institute is supporting these changes.</i></p> <ul style="list-style-type: none"> • STEM Education for Schools • Immersive Education in Aboriginal History • #misCOURAGE Down Under • Fighting Fake News
3:15pm	<p>Afternoon Break</p>	
3:30pm	<p>Digital Ethics panel</p> <p>Prof Scott McGuire (Chair), Deputy Director (Research), Networked Society Institute</p> <ul style="list-style-type: none"> • A/Prof Leila Takayama, Human-Robot Interaction Researcher, University of California, Santa Cruz • Peter Bailey, Principal Applied Scientist, Microsoft • Dr Victoria Palmer, Institute Fellow (applied Ethics), Networked Society Institute • Dr Jenny Waycott, Computing and Information Systems, University of Melbourne 	
4:30pm	<p>Networking Drinks</p>	
5:00pm	<p>Close</p>	