



PROGRAM

The Twelfth Annual Senior College Symposium
The New Technological Age: Good, Bad, or Just Different?
The Faculty Club, 41 Willcocks Street, Main Floor
Thursday, April 6, 2017

Co-Chairs: Suzanne Hidi and Daphne Maurer

Merrijoy Kelner, Harold Atwood, Cornelia Baines, Larry Bourne,
Ken Rea, Scott Rogers, and Peter Russell.

9:00 a.m. **Registration and Coffee**

9:25 **Welcome**



Session 1: Facilitator Merrijoy Kelner

9:30-10:00 **Barry Wellman**

Networked Individualism: The Transformation of Community in the Digital Age.

Networked Individualism has become a hallmark of transformed communities. It comes from the turn from groups to networks in how people's lives are organized; the personalized internet with reduced constraints on distance; always available and always accessible (FBOW) mobile devices. This transformation did not arise spontaneously but arose from a variety of structural and technological developments from the 1960s.

Bio: Barry Wellman is the retired S.D. Clark Professor of Sociology at the University of Toronto. He's the founder of the International Network for Social Network Analysis, a Fellow of the Royal Society of Canada, and the co-author of Networked: The New Social Operating System.



10:00-10:30

Steve Ladurantaye
The Future of News

The news industry is facing crisis - the bottom is falling out of its economic model just as public trust reaches all time lows. Technology has stripped news companies of their ability to make money through advertising, while also making it easier for anyone with a cellphone to "report" the news. There are solutions - but it will require a total shift in the way the world's newsrooms think about the work they do and how they get it in front of their audiences.

Bio: Steve Ladurantaye is the managing editor of digital news at the Canadian Broadcasting Corp. Previously, he was the head of news for Twitter Inc. and the media reporter at the Globe and Mail.

10:30-11:00

Discussion and Break



Session 2: Facilitator Daphne Maurer

11:00-11:30

Larry Alford

Towards 2020: Five Priorities for Research Libraries in Three Years

Research libraries are undergoing radical changes, even as the underlying principles that inform research library services remain much the same.

Bio: Larry Alford has been Chief Librarian at the University of Toronto since August 2011. Previously, he was Dean of University Libraries at Temple University in Philadelphia and Deputy University Librarian at the University of North Carolina at Chapel Hill.

11:30-12:00

Dave Parnas

Is Software Engineering Really Engineering?

Our news media often tell us about software projects that failed, were behind schedule and over budget, or delivered defective products, such as the Phoenix Pay System for Canadian Federal Public Servants among countless others. This talk discusses the failings of Software Engineering as a Profession and proposes long-overdue legislative changes. It also presents a historical view of "Artificial Intelligence" and shows why that is not a solution to our Software Problems.

Bio: Dave Parnas is a Professor Emeritus at McMaster University and University of Limerick. Educated as an Electrical Engineer and Licensed as a Professional Engineer in Ontario, Parnas studied how the engineering discipline can be used to build better software. He has worked on safety-critical software such as that used in aircraft and nuclear power plants. He became well-known outside his field when he resigned from a US DOD committee on software for President Reagan's proposed "Star Wars" missile defence system, saying that such a system would never be trusted.

12:00-12:30 p.m. **Discussion of Morning Session**



Session 3: Facilitator Cornelia Baines

12:30-1:00

Rose Bolton (with Pemi Paull)

The Computer as Musical Instrument

The role of computers and technology in contemporary classical music and the role of the listener, compared to music on traditional instruments.

Rose Bolton, Laptop and Electronics

Bio : Rose Bolton is one of Canada’s most innovative and multi-faceted composers. She has composed nine documentary film scores for CBC, TVO, Super Channel and Logo TV (US). Her Song of Extinction, a 45 minute work, was premiered in 2016 at Toronto’s Luminato festival with 800 people attending. Also in 2016 was the premiere of a work for the Kitchener Waterloo Symphony with ambient electronics.

Pemi Paull, Viola

Bio: A chamber musician and specialist in new and early music, Pemi Paull is a true 21st century artist. He is in the forefront of Montreal's contemporary music world as a member of two new music ensembles, Bradyworks and SMCQ. Also a member of Ensemble Caprice, he has recorded seven discs for Analekta with them and won a Juno. As well, he performs with Daniel Taylor's Theatre of Early Music and Toronto`s Tafelmusik.

1:00-2:00

LUNCH



Session 4: Facilitator Suzanne Hidi

2:00-2:30

Diarmuid Nash

Technology + Light: The Aga Khan Wynford Park and the Delegation Building.

This lecture will address the design process using construction and engineering technology to interpret the mandate and concept of expressing “Light” at the Aga Khan Museum and Ismaili Centre at Wynford Park, Toronto and The Delegation Building in Ottawa.

Bio: Diarmuid Nash, OAA FRAIC, is a partner at Moriyama and Teshima Architects and Past President of the Royal Architectural Institute of Canada and the Ontario Association of Architects. Projects include the Canadian War Museum and the Delegation of the Ismaili Imam at on Sussex Drive in Ottawa, both of which received Governor General Awards in Architecture Excellence Award; and the recently completed Ethiad Museum in Dubai.

2:30-3:00

Matt Ratto

Engineering Socio-Technical Systems: 3D Prosthetics in the Developing World

Matt Ratto will describe the creation of prosthetic sockets using newly available home 3D scanning and printing solutions, a process intended to address the lack of available prosthetics for children in the developing world. But it equally serves as an example of “critical making” –technological development that leverages insights from the humanities and social sciences to foster and support innovation.

Bio: Matt Ratto is an Associate Professor in the Faculty of Information at the University of Toronto and director of the Semaphore Research Cluster on Mobile and Pervasive Computing, an interdisciplinary research group exploring and building capacity around new developments in tangible interfaces, smart objects and digital infrastructures. His current research focuses on how hands-on productive work can supplement and extend critical reflection on the relations between digital technologies and society.

3:00-3:30

Ann Cavoukian

Take Control of your Privacy: It is far too Important a Right to Allow it to be Extinguished.

Privacy is slowly but steadily being whittled away in exchange for the convenience of various apps and services provided online. But it doesn't have to be an either/or proposition: You can have both privacy *and* functionality, through Privacy by Design.

Bio: One of the world's leading privacy experts, Ann Cavoukian is the Executive Director of Ryerson University's Privacy and Big Data Institute. She served an unprecedented three terms as the Information & Privacy Commissioner of Ontario. Privacy by Design, a framework that seeks to proactively embed privacy into design, thereby achieving the strongest protection possible. In 2010, International Privacy Regulators unanimously passed a Resolution recognizing Privacy by Design as an international standard. Since then, it has been translated into 39 languages. Dr. Cavoukian has received numerous awards recognizing her leadership in privacy, most recently as of the Top 100 Leaders in Identity (January, 2017).

3:30-4:00

Discussion

4:00-5:00

Wine and Cheese Reception

