

Next Event	Privacy Implications of the Internet of Things
Organized By	IEEE Control Systems & Instrumentation
Date	Tuesday, March 5 th , 2019
Speakers	Dr. Ken Barker, Ph.D., I.S.P., ITCPMP , Professor of Computer Science at the University of Calgary
Location	110 – 12 Ave SW, Calgary, AB TransAlta Building, Auditorium
Fees	Member: \$15, Non-Member: \$25, Fellow Members, Life Members and Full time Students: Free
Registration	<u>Click here to register</u>

Advance registration only. Registration at the door is NOT available. Participants must sign-in at the Security Desk in the T2 Building prior to the seminar, and must sign-out upon leaving.

Abstract

Big data analytics promises to bring many benefits including increased security, safety, insight, and understanding about how to best support highly valued public services. Conversely, such analytics could be used to violate inappropriately individual privacy that could bring both immediate harm and cause long-term unintended consequences unless the data is secured and protected. With the emergence of the Internet of Things, the volume of data that will be subject to analysis will increase many times over. The nature of the data will also change because these devices will capture a wide-range of human activities that could be linked to individual behaviors through deep analytics. This talk will discuss how personal privacy is at risk now and how the introduction of the IoT complicates and expands related concerns.



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Control Systems & Instrumentation



**Dr. Ken Barker, Ph.D., I.S.P.,
ITCPMP**

Professor of Computer Science at
the University of Calgary



Ken Barker is a Professor of Computer Science at the University of Calgary. He holds a Ph.D. in Computing Science from the University of Alberta (1990); and has more than two decades of experience working with industrial computer systems and has consulting experience in the design of commercial databases. He has interest in system integration, distributed systems, and the privacy and security of data repositories. He has served as the Dean of the Faculty of Science and as Head of Computer Science at the University of Calgary. He is the President of the Canadian Information Processing Society (CIPS)-Alberta and a Fellow of the Canadian Global Affairs Institute. He is a past President of the Canadian Association of Computer Science (CACS/AIC) and has served on the Computer Science Accreditation Council. As the director of research laboratories at the Universities of Calgary and Manitoba he has supervised over 60 graduate students, in addition to several post-docs and research assistants. Dr. Barker has published over 200 peer reviewed publications.

Program for Tuesday, March 5th, 2019:

- » 5:30 Registration
- » 6:00 Introduction
- » 6:15 Presentation
- » 7:00 Break & Light Dinner
- » 7:30 Presentation Resumes
- » 8:15 Q&A
- » 8:30 Networking
- » 9:00 Doors close

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