



IEEE Okanagan Subsection Presents

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**Unmanned aerial vehicles (UAVs), commonly known as drones.
Next Generation of Aviation Vehicles**

Time & Date: 5 pm – 6 pm, April 29th, 2015

Location: E103, [Okanagan College](#), 1000 KLO Rd, Kelowna, BC V1Y4X8 ([parking info](#)).

Talk Abstract: There has been a lot buzz recently about drones in the media. There is a whole new industry that is taking off. An industry that is outside the traditional and is different than anything we have seen in the past. With this new industry there is great potential and there are many that are starting to benefit from it. There are also plenty of challenges that have yet to be addressed and will continue as both technology and regulation try to find their role. We are seeing the blend of new technology pushing an aviation industry that is typically slow to change. Technology seems to push things to a whole new dimension. The Internet opened up a whole new world, and then it was cell phone and smart phone technology. This has all led to huge advancements in GPS systems and now is a driving factor in the UAV industry. As the industry is on the brink of exponential growth and regulators struggle with fitting this new technology into a pre-determined box it is an exciting time. It is somewhere between the Wild West and a robotic revolution. It is an exciting time and one that is a pleasure to be part of. We do not know exactly what it will look like in the future, as technology advances so will the UAV industry and the applications of the next generation of aviation vehicles. It is limited only by the imagination and rules governing the integration of this new sector of aviation.

Speaker Biography: Calvin has been with Capri Insurance for the past 14 years and has been involved in aviation since 1992. He holds a Commercial pilots license, float rating, multi Engine rating and has held an Instrument rating. He has been involved in the UAV industry for the past 3-4 years and was a speaker at the Unmanned Systems Canada Conference in 2014. Over the past number of years, Calvin has helped many new and seasoned operators with the rules and regulations that are involved for commercial operations of a UAV.

Refreshments will be provided. For further information please contact:
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Registration Page: (<https://meetings.vtools.ieee.org/m/34488>)