

## CSUR's 2019 Data and Data Analytics Workshop – Nov 7<sup>th</sup>, 2019

As with the previous Data & Data Analytics workshops, CSUR's 3<sup>rd</sup> such workshop once again highlighted the continuing & ever increasing presence of data analytics, automation, machine learning and artificial intelligence within our industry. The industry continues to be challenged economically. As such, reducing operating expenditures via data analytics, automation and better efficiency are the key drivers for long-term sustainability. As the proverb "Necessity is the mother of invention" suggests, organizations are forced to transform their business processes in order to remain relevant and competitive.

Throughout the day, presenters showcased the various technologies and processes that have been incorporated into their respective businesses and organizations. Whether it be real-time data use to monitor and improve field operations or drone technology or satellite imagery to collect data, the ongoing evolution of common day to day activities within organizations was quite prevalent.

The attendees had the opportunity to hear from and dialogue with speakers from various aspects and disciplines within the industry. The day was divided into specific sub-themes that addressed topics such as remote data acquisition, business optimization, application of real time data and application of data analytics. Applications and examples of remote data collection & analytics across different industries were also discussed. For example, GHGsat's data collection capability from space using satellites also has applications that encompass other industries such as agriculture, pharmaceuticals and commercial banking.

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