

*A talk on*

# **Accelerating Scientific Research with Machine Learning and AI**

by **Dr. Rukshan Batuwita**, *Data Scientist at Google*

A talk on "Accelerating Scientific Research with Machine Learning and AI" by Dr. Rukshan Batuwita, Data Scientist at Google, organized by the Department of Statistics and Computer Science, Faculty of Science and the International Affairs Office University of Peradeniya was held on 11 April, 2019 from 1.00 pm-3.00 pm at Chemistry Auditorium, Faculty of Science University of Peradeniya.

This talk provided a broad introduction on the interrelated fields of Machine Learning (ML), Artificial Intelligence (AI) and Data Science, covering major techniques/ algorithms, recent advancements and major application areas, beneficial to accelerated scientific research in the areas of biology, medicine, chemistry, physics etc. Also the publicly available tools and platform for ML, Data Science and AI, and the best practices for the process of applying ML to solve real-world problems were discussed.

Around 50 participants including academic staff members of the University, postgraduate and undergraduate students attended the event. Some pictures captured at the event are shown below.





