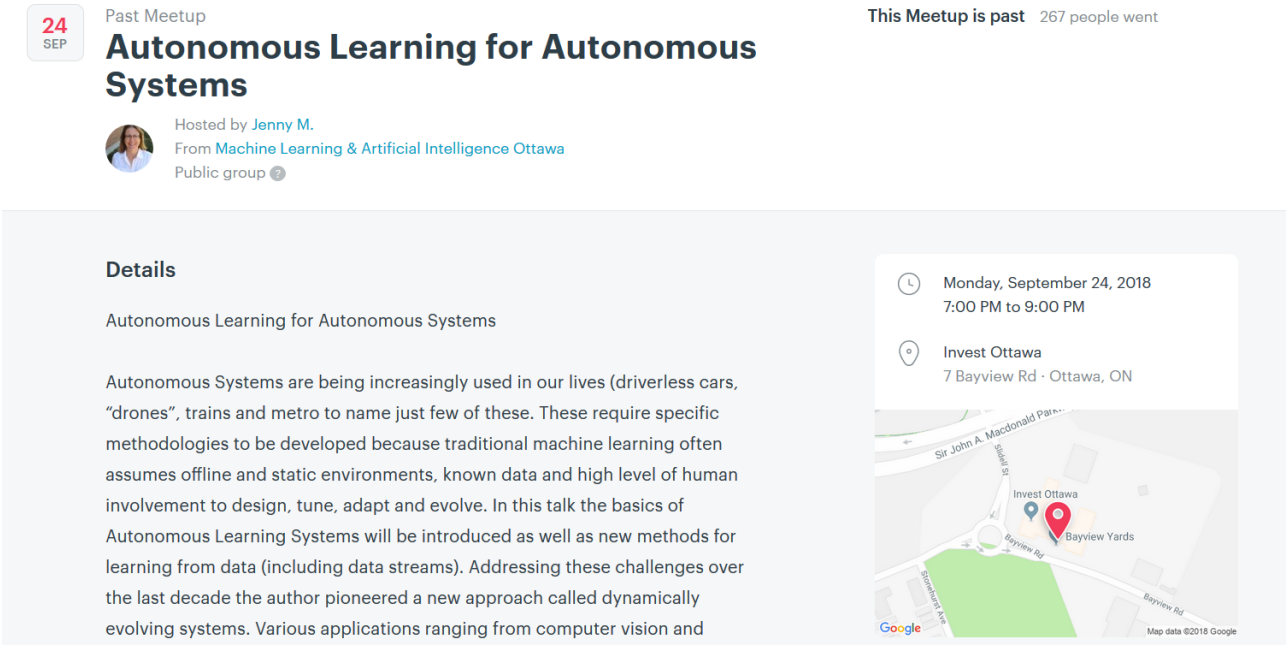
DL VISIT REPORT – Professor Plamen Angelov
Ottawa, Canada – September 23-25, 2018

The IEEE Computational Intelligence / Systems, Man and Cybernetics (CI/SMC) Joint Ottawa Chapter had the privilege of hosting **Professor Plamen Angelov** (Lancaster University, United Kingdom), IEEE CIS Distinguished Lecturer, during his visit to Ottawa from September 23-25, 2018. Professor Angelov' trip was sponsored by IEEE Computational Intelligence Society, the local IEEE Computer Society and CI/SMC joint Ottawa chapters as well as the Ottawa Machine Learning and Artificial Intelligence (ML-AI) Meetup Group.

Professor Angelov arrived on Sunday September 23, 2018 at the Ottawa airport and was greeted by the chapter vice-chair, Dr. Julio Valdes. He was then taken to the Embassy Hotel & Suites, in downtown Ottawa. This hotel is conveniently located steps away from Ottawa City Hall, the Rideau Canal and Parliament Hill.

The September 24th DL technical talk was intensely advertised through multiple channels: (1) an IEEE e-Notice to all CI/SMC and CompSoc chapter members, (2) the students and staff at the University of Ottawa's School of Electrical Engineering and Computer Science and (4) the 2,800+ members of the Ottawa ML-AI Meetup Group.

The technical talk entitled "***Autonomous Learning for Autonomous Systems***" was held at Invest Ottawa, 7 Bayview Road, between 6:30 pm and 9 pm.



We had 148 attendees out of 267 registrations received via www.meetup.com, with a good mix of students and practitioners/professionals across government, academia and industry. All attendees enjoyed a very lively discussion on the potential applications of autonomous systems. The audience was truly engaged as Professor Angelov journeyed through the building blocks of evolving systems and their plethora of successful applications. A very thought-provoking Q&A period followed.

Applications
1) Fast, transparent Deep Fuzzy Rule-based Learning for Image Classification
2) On-board Real-time Video Processing (detecting moving targets on the ground – AURORA project)
3) Self-calibrating sensors in oil refining (chemical and petro-chemical industry)
4) High Frequency Trading (HFT)
Ottawa, 24/09/18

RBC

On September 25th Professor Angelov had the opportunity to sightsee the beautiful Ottawa – Gatineau National Capital Region before taking his flight back home that evening. The chapter chair, Dr. Rafael Falcon, wished Professor Angelov a safe travel home and passed on the gratitude on behalf of all chapter members for this short yet fruitful visit to Ottawa.

We gratefully acknowledge the support received from the IEEE CIS Distinguished Lecturer Program to have Professor Angelov visit Ottawa in the fall of 2018 and look forward to hosting more Distinguished Lecturers in the future.

Best regards,

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