

# 2018 Autumn 특강

*Oryong-Hall #204, GIST*

*Date: Oct. 16<sup>th</sup>, Time : 16:00 ~ 17:00*

*Language: English*

## Session

**Title : SafeguardAI and Surprise Based Learning**

**– Protect your AI solutions from Unintended Behavior**

**Abstract :**

In this talk, *Surprise Based Learning (SBL)* will be presented, which is a novel machine learning algorithm founded on the concepts of Complementary Discrimination Learning. SBL is capable of learning both the structure (i.e., number of states) and the parameters (i.e., input/output correlation) of a system. As one of several applications adapting SBL, *SafeguardAI* and its experimental results for self-driving will be presented.

- Surprise Based Learning
- Deep Learning
- Intelligent Autonomous Systems

**Speaker : 류봉균 대표 (Bo Ryu, Ph.D)**

**(현) EpiSci (EpiSys Science, Inc.) President**

**(전) Department Head in HRL Laboratories**

**Ph.D in Columbia University**