Ontology Summit 2017: AI, Learning, Reasoning, and Ontologies

Session 1 of Track A: "Using Automation and Machine Learning to Extract Knowledge and Improve Ontologies"

Champion: Gary Berg-Cross
Ontolog Board Member
Recap

• Motivation includes the Knowledge Acquisition/Evolution Bottleneck as discussed at the Launch session.

• See also Paul Buitelaar's (National University of Ireland, Galway): Overview Ontology Learning - Some Advances
  • http://ontologforum.org/index.php/ConferenceCall_2017_03_01

• Today we are pleased to have 3 distinguished researchers speaking on the broad topic of Using Automation and Machine Learning to Extract Knowledge and Improve Ontologies"
  • These are:
  
  
March 8, 2017
Recap

• Motivation includes the Knowledge Acquisition/Evolution Bottleneck as discussed at the Launch session.

• See also Paul Buitelaar's (National University of Ireland, Galway): Overview “Ontology Learning - Some Advances”
  • http://ontologforum.org/index.php/ConferenceCall_2017_03_01

• Today we are pleased to have 3 distinguished researchers speaking on the broad topic of Using Automation and Machine Learning to Extract Knowledge and Improve Ontologies"
Our Session 1 Speakers

Estevam Hruschka (Associate Professor at Federal University of Sao Carlos DC-UFSCar & adjunct Professor at Carnegie Mellon University) will speak on:

“Never-Ending Language Learning (NELL)”

Valentina Presutti, (Semantic Technology Laboratory of the Institute of Italian National Research Council (CNR)),

“Semantic Web machine reading with FRED”

Alessandro Oltramari (Research Scientist at Bosch)

"From machines that learn to machines that know: the role of ontologies in machine intelligence"