BMI **AIML CONTEST**

Brain-Mind Institute

BMI Summer 2017 Program
Summer School
Contest Workshop
AI Machine Learning (AIML) Contest
Michigan State University, East Lansing, Michigan USA
http://www.brain-mind-institute.org/

AIML Contest:
It is unique for **task-independent** and **modality-independent** brain-inspired engines. The terms such as artificial intelligence, machine learning, robotics, signal processing, control, dynamic systems, data mining, big data, and brain projects, often had different emphases but the related disciplines are converging. The AIML Contest serves as a converging platform for all these highly related disciplines and beyond. It is open to, but not limited to, all researchers, practitioners, students and investors. The Contest aims to address major learning mechanisms in natural and artificial intelligence, including perception, cognition, behavior and motivation that occur in cluttered real-world environments. Attention, segmentation, emergence of spatiotemporal representations, and incremental scaffolding are part of each life-long learning stream.
Goal: full automation in machine learning (brain-like).

BMI Tuition Wavers:
Full-time students get tuition waivers for BMI courses.
Each AIML Contest entry includes three BMI courses for the team leader.

BMI Summer Courses:
All are distance learning courses. Tuition is free for full-time students.
BMI 831 **Cognitive Science**, May 29 - June 16, 2017.
BMI 861 **Brain Automata**, June 19 - July 7, 2017.
BMI 871 **Computational Brain-Mind**, July 10 - 28, 2017

AIML Contest Workshop:
July 31 - August 11, 2017
The workshop coaches contest participants who are on-site or off-site. The contest participants use these two weeks to prepare for their contest results.
Free for registered contest participants.

ICBM Conference and AIML Contest Panel, IJCNN 2017:
9:20am - 10:40am; 11:00am - 12:20pm, May 16, Anchorage Alaska
AIML Contest 2016 results, awards, team presentations, AIML Contest 2017

Important Dates:
Admission: send CV and Statement of Purpose to weng@cse.msu.edu
(AIML Contest participants need to take BMI courses and Contest Workshop to do well)
Monday May 22, 2017: deadline for advance registration
Monday May 29, 2017: BMI 831 starts

BMI