

ADDRESS FOR CORRESPONDENCE

ACDOS Secretariat,
C/o. Prof. Radhakant Padhi
Dept. of Aerospace Engineering
Indian Institute of Science
Bangalore - 560012, India
Tel : +91-80-2293-2757
E-mail: acdoss.india@gmail.com



Automatic Control and Dynamic Optimization Society (ACDOS) was established in 2011 with a noble objective of promoting automatic control and dynamic optimization discipline in academia and industry across India and world. The society aims to host international conferences, symposiums and technical workshops in India regularly in order to promote close interaction between industry and academia. The society also aims to honour eminent persons who excelled in this field. More information about ACDOS can be found at www.acdos.org.

ACDOS is a National Member Organization (NMO) of International Federation of Automatic Control (IFAC), which has its presence in 50 countries worldwide with a mission to promote the science and technology of automatic control through technical meetings, publications and other means. More information about IFAC and its activities can be found at www.ifac-control.org.

PROGRAM DATE & VENUE

This workshop will be conducted on 05 January 2019, at the Department of Aerospace Engineering, Indian Institute of Science, Bangalore, Karnataka. It will also coincide with the Annual General Body Meeting of the Society, scheduled on the same day.

The workshop will be limited to **100 participants** due to the constraints in the Auditorium.

ORGANIZER

Prof. Radhakant Padhi

Department of Aerospace Engineering

Indian Institute of Science, Bangalore-560012



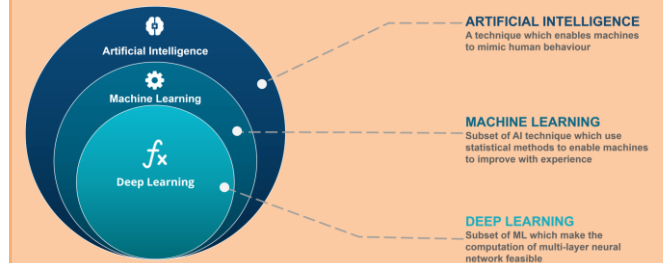
NINTH ANNUAL WORKSHOP of Automatic Control and Dynamic Optimization Society



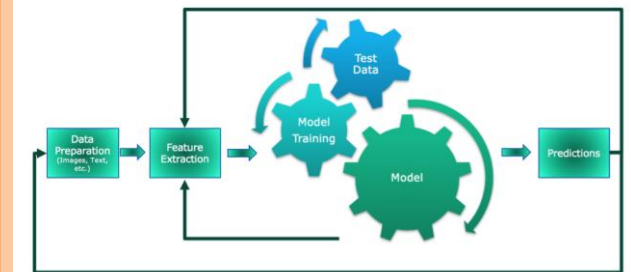
Promising Concepts in Machine Learning: Deep Learning and Kernel Regression

05 January 2019

**Auditorium Department of Aerospace Engineering,
Indian Institute of Science, Bangalore-12**



A Standard Machine Learning Pipeline



REGISTRATION

Registration can be made by completing the application form and sending it to The ACDOS Secretariat, along with the applicable registration fee through a Cheque/DD drawn in favour of ACDOS, Bangalore. Cash payment on the spot will also be accepted, but it is highly recommended to register before the deadline (31-December-2018). Spot registration is possible provided seats are available.

REGISTRATION FEE	ACDOS Member	Non-ACDOS Member
Professional (Industry)	1000 INR	1500 INR
Professional (Academic and R&D Labs)	500 INR	1000 INR
Students	250 INR	500 INR

Note:

1. The information in the registration form can also be sent over an email. In that case, it will be assumed that the payment will be made in spot.
2. Applicants for ACDOS membership can avail the same discounted fee as applicable to ACDOS members provided they apply for membership (with all necessary supporting documents) before the deadline. Application for membership can be done online: http://www.acdos.org/online_reg.php

MOTIVATION

The aim of this workshop is to bring together engineers, scientists, and academics working in advanced areas of autonomous and cyber physical systems, data handling, and its various challenging applications. It will also enable them to discuss their latest work, forge collaborative ties and mutually benefit from each other's research.

SPEAKERS

1. Dr. Arshad Jamal, CAIR (DRDO), Bangalore
2. Dr. S. N. Omkar, IISc Bangalore
3. Prof. Arun K Tangirala, IIT Madras

PROGRAMME

08:45 – 09:15 – Registration

09:15 – 09:30 – Inauguration

09:30 – 11:30 – Fundamentals of Deep

Learning

11:30 – 12:00 – Tea/Coffee

12:00 – 01:00 – Applications of Deep Learning

01:00 – 02:00 – Lunch

02:00 – 03:30 – AGM of ACDOS

03:30 – 04:00 – Tea/Coffee

04:00 – 05:30 – Kernel Regression: Theory and

Applications

05:30 – 05:45 – Feedback and Closing

REGISTRATION FORM

Promising Concepts in Machine Learning:
Deep Learning and Kernel Regression

05 January 2019

(This information can be sent over email too)

NAME & DESIGNATION:

ORGANIZATION:

MAILING ADDRESS:

TELEPHONE:

E-MAIL:

FEE PAYMENT DETAILS (IF APPLICABLE):

DEADLINE OF APPLICATION: 31-December-2018
