



OpenPOWER and AI

NITK-IBM Computer Systems Research Group, NITK, Surathkal.

As a part of the NITK-IBM collaboration, a half-day session on IBM's Deep Learning initiatives and using IBM's AI + Deep Learning tools is arranged. All are invited. Details follow.

Venue: **System and Networks Lab, I Floor, Dept of CSE, NITK**

Date: **28th November, Wednesday, 2018.**

Agenda

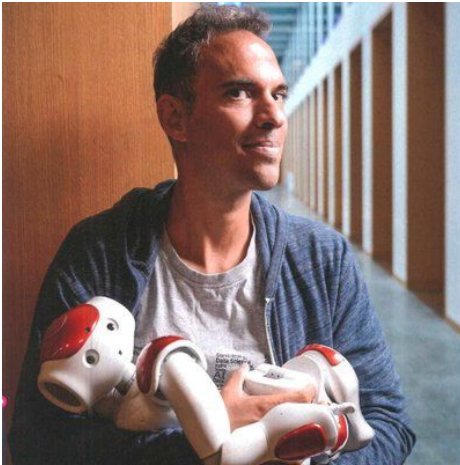
	Talk/Tutorial	Speaker(s)	Time
1.	Welcome, Overview and on-going of the IBM-NITK Collaboration	Basavaraj Talawar (CSE, NITK) and Ganesan Narayanasamy (IBM India, Bangalore)	1000-1015
2.	The POWER on gem5 project	Kajol Jain, CSE, NITK.	1015 - 1045
	Break		
3.	AI/Deep Learning applications on IoT Time series	Romeo Kienzler, Chief Data Scientist, IBM Watson IoT	1100-1300

Note: Bring your laptop for the hands-on session. The tools used in the session will be on the OpenPower cloud.

Who can attend:

Students of all levels (UG, PG, PhD), Data Science/AI researchers of NITK, Surathkal.

Expert Speaker's Bio:



Romeo Kienzler is the Chief Data Scientist of IBM Watson IoT and as IBM Certified Senior Architect he helps clients worldwide to solve their data analysis challenges. He holds an M. Sc. (ETH) in Computer Science with specialization in Information Systems, Bioinformatics and Applied Statistics from the Swiss Federal Institute of Technology.

He works as an Associate Professor for artificial intelligence at a Swiss University and his current research focus is on cloud-scale machine learning and deep learning using open source technologies including R, ApacheSpark, ApacheSystemML, ApacheFlink, DeepLearning4J and TensorFlow.

He also contributes to various open source projects. He regularly speaks at international conferences including significant publications in the area of data mining, machine learning and Blockchain technologies. Recently his latest book on Mastering Apache Spark V2.X has been published:

<http://amzn.to/2vUHkGI>. Romeo Kienzler is a member of the IBM Technical Expert Council and the IBM Academy of Technology - IBM's leading brain trusts. #ibmaot

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Others

2x CPU Accelerator GPU PCIe Gen 4	5x CPU Accelerator GPU POWER8 with NVLink1.0	7-10x CPU Accelerator GPU POWER9 with NVLink2.0
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