



## PUBLIC LECTURE

**Title: “IoT, AI and Big Data.”**

**Speaker: Prof. Sandor Markon from Kobe institute of Computing, Japan**

**Time & Day- 2:00pm to 4:00pm on 6th June.**

**Venue: ICTP Conference Hall**

### Short Bio:



- Holds a PhD in Engineering from Kyoto University, Japan
- While working at Fujitec, developed and commercialized the world’s first learning type elevator group control system using neural networks, and established the relevant optimization techniques and simulation technology, securing a large number of patents.
- Won the Best Paper Award at the 9th ICME International Conference on Complex Medical Engineering (CME 2015) from June 18-21, 2015

### Brief Description about the Lecture:

IoT is increasingly important in many fields, including agriculture, public health, transportation etc. As the amount of data generated by distributed sensors grows at a fast rate, new methods are needed for effectively using it in decision making and control.

Big Data (BD) technologies have been developed for dealing with huge amounts of data, mostly originating in the Internet. These systems and tools will be useful in dealing with data coming from IoT devices too.

Another important technological resource is Artificial Intelligence (AI), that is increasingly capable of helping in finding relations, trends, recognizing similarities and so on.

We review some examples where IoT, BD, and AI overlap, and discuss possible future directions.