



**ISA-Bangalore
techtalk**
Enhancing Your Profile

TECHNICAL SESSION

Dear Automation Professional,

International Society of Automation, Bangalore Section – (ISA-B) has been bringing topics of great interest and importance to our members and special invitees. We are delighted to invite you for yet another topic, please do register your place as the seats are limited.

Topic	Opensource software platforms and Engineering Applications
Speaker	Sunil S. Shah, Phd
Organisation	Co-Founder and CEO, ModeliCon Info Tech LLP Sr. Technologist (P), Indian Institute of Science, Bangalore
Date	07-September-2019, Saturday
Time	15:30-16:00 hrs Arrival & Registration 16:00-17:30 hrs TechTalk 17:30 - 18:00 hrs Networking and High Tea
Venue	The Chancery Hotel, Lavelle road, Near MG Road, Bangalore
Note	This TechTalk is FREE; High Tea/ Networking after the Session

REGISTRATION: Seats are limited, please register in advance informing your Name, Organisation, Email ID & Mobile Number by Email to: admin@isabangalore.org.in cc to rchandrashekar09@gmail.com

And by Phone to: Mr. MS Murali, Administrative Officer, ISA Bangalore Section **Mobile No:** +91 98449 00930

Title: Opensource software platforms and Engineering Applications

Abstract:

Opensource software is software with source code that anyone can inspect, modify, and enhance. Opensource platforms enable types of licensing agreements that allow users to freely modify a work, use said work in new ways, integrate the work into a larger project or derive a new work based on the original. By removing barriers between innovators, open-source promotes a free exchange of ideas within a community to drive creative, scientific and technological advancement.

Opensource engineering platforms have created a niche for themselves- especially in the field of modeling and simulation, data analytics, control and optimization, etc. This session will discuss the experience of a start-up in the use of these platforms for a variety of engineering and data analytics applications, highlighting the benefits and of course the pitfalls.

Some of the application areas are- operation and control of UAVs, development of operator training simulators, CFD analysis of closed environments, etc.

Speaker Profile:

Dr. Sunil has 25+ years of process engineering, product development, technology/ engineering management and process analytics experience with well-known organizations like GE, Kvaerner Powergas, IIT Bombay, etc. Presently he is involved in establishing a startup in industrial research: ModeliCon InfoTech LLP.



The company provides technology development support like modeling and simulation for operation including transient analysis, control and optimization, diagnostics, etc. for new as well as established processes. The company supports development of new technologies. Sunil is a faculty for courses on Advanced Process Control, Optimization and Innovation, Internet of Things, etc. Sunil completed his PhD in Control and Systems Engineering from IIT, Bombay and Chemical Engineering from NIT, Rourkela. Sunil has over 8 patents filed as co-inventor and is TRIZ Level-2 certified.

Announced by: Ramdas C, ISAB Techtalk Event Admin, Member -ISA-B, Mob: +91 98457 73556

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