Indian Institute of Information Technology Kottayam TECHNISCHE UNIVERSITÄT MÜNCHEN	# INVITATION! *Special Issue on IoT Cloud Solutions for Societal Applications*
Scalable Computing: Practice and Experience	

Enabling societal applications such as air quality prediction, water quality analysis, cloud assisted agricultural solutions for food security, precision farming, and so forth creates enormous societal benefits due to smart living.

In general, Internet of Things (IoT), merged with cloud and/or the other high end technologies such as fog, edge, and so forth, is considered as the most primordial technology for solving societal problems in an automatic fashion. The vision of IoT Cloud is to provide smart configurable connectivity of inexpensive devices (sensors, RFID tags, actuators) and robust cloud servers (servers, workstations, supercomputers, Datacenters) based on specialized communication protocols at runtime. Emerging IoT Cloud based applications, therefore, do promote tens of thousands of societal solutions in the near future for the sophisticated living.

The *Special Issue on IoT Cloud Solutions for Societal Applications* targets to publish high quality unpublished manuscripts relating to the application of IoT cloud to societal problems. The issue encourages both the academic and entrepreneurial/industrial sectors to submit their research findings and the state-of-the-art study on the domain. For more details, visit https://scpe.org/index.php/scpe/Call-issue-3-2019

Special issue editors:

- **Dr. Shajulin Benedict**, Indian Institute of Information Technology Kottayam, India.
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- **Prof. Dr. Michael Gerndt**, Technical University Munich, Germany.
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Topics:

This Special Issue expects original and high quality submissions related (but not limited) to one or more of the following topics:

- Internet of Things and Cloud Technology
- Edge computing
- Social Analytics
- Big Data Analytics in IoT cloud

For more details, visit i) https://scpe.org/index.php/scpe/Call-issue-3-2019 ii) www.iiitkottayam.ac.in iii) http://icentre.iiitkottayam.ac.in

- Machine Learning algorithms for IoT Cloud applications
- Artificial Intelligence for societal applications
- Energy aware computing for IoT cloud
- IoT Cloud microservices and their challenges
- Societal application developments using IoT cloud

Important dates:

- **Submission: February 15, 2019**
- Author notification: April 15 2019
- Revised papers: June 15 2019
- Final decision: July 15 2019
- Camera Ready papers due: August 15 2019
- Publication: September 2019

Submission guidelines:

Original and unpublished works on any of the topics aforementioned or related are welcome. The SCPE journal has a rigorous peer-reviewing process and papers will be reviewed by at least two referees. All submitted papers must be formatted according to the journal's instructions, which can be found at:

http://www.scpe.org/index.php/scpe/about/submissions#authorGuidelines

SCPE Journal Indexing:

SCPE journal is indexed by several organizations (see a complete list in the journal site). Current impact factors are the followings: 0.581 for SNIP (Scopus Source Normalized Impact per Paper), 0.211 for SJR (Scimago Journal Ranking), position 88 from 191 journals (54% percentile) in Computer Science in Scopus, 0.876 for Global impact factor, 93.25 for ICV (Index Copernicus Value), 24 as h-index computed by Publish and Perish. SCPE is included in the Clarivate Analytics (former Thompson Reuters) Emerging Sources Citation Index and appears from 2015 in the Web of Science collection.

About IIIT Kottayam:

Indian Institute of Information Technology Kottayam (IIITKottayam), an institute of national importance, under IIIT (PPP act), MHRD, Govt.of India, is gearing up under the mentorship of the Indian Institute of Science Education and Research Trivandrum (IISER, TVM). It is currently mentored by Prof. V. Ramakrishnan (Director, IISER-TVM), Shri. M. Radhakrishnan (Registrar, IISER-TVM), and Prof. M.P.Rajan (Dean-Academics, IISER-TVM). It has attracted an incubation centre on the topic IoT Cloud Societal under AIM-scheme and has collaborations with various national institutes of repute (IITs, NITs, IIITs, IISERs) and international Universities such as TUM-Germany, Univ.of Innsbruck, Austria, Univ.of Klagenfurt, Austria, NorthEastern University USA, and so forth to undertake a realistic research.

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