



Sponsored by:



# INDO-CHILE WORKSHOP ON BIG DATA, 2014

# JUNE 4-6

Venue: BITS Pilani, KK Birla Goa Campus, Goa, India



Big Data is poised to change the world. Already, it is working behind the scenes to make this world a better place to live. Big Data has opened up a whole lot of avenues for research and innovation, not just in Computer Science and IT, but also in other disciplines/verticals such as Pharma, Telecom, Energy, Food and Agriculture, Astronomy/Astrophysics, Environmental Science, Social Media etc. The workshop aims at bringing experts in Big Data from India and Chile who would share their research on current developments. The broad themes of the workshop include Big Data Analytics, applications of Big Data in Astro-Informatics, Computational Biology and Personalized Medicine, Agri-Bioinformatics and Food Sustainability etc. High Performance Computing will be the cross-cutting theme. The workshop will also include a few talks from industry experts on practical aspects of Big Data.

## SPEAKERS FROM INDIA

- PROF. R K SHYAMSUNDAR (TIFR, MUMBAI)
- PROF. AJIT KEMHAVI (IUCAA, PUNE)
- PROF. YOGESH WADADEKAR (NCRA, PUNE)
- PROF. SANGHAMITRA BANDYOPADHYAY (ISI, KOLKATA)
- DR. ANIL RAI (IASRI, NEW DELHI)
- PROF. PUSHPAK BHATTACHARYA (IIT, BOMBAY)

## SPEAKERS FROM CHILE

- PROF. EDUARDO VERA (UNIVERSITY OF CHILE)
- PROF. TOMÁS PÉREZ AGLÉ (UNIVERSITY OF CHILE)
- PROF. MARCELO ARENAS (CATHOLIC UNIVERSITY OF CHILE)
- PROF. SUSANA EYHERAMENDY (CATHOLIC UNIVERSITY OF CHILE)
- PROF. JOHN ATKINSON (UNIVERSITY OF CONCEPCIÓN)
- PROF. MAURICIO SOLAR (TECH. UNIVERSITY FEDERICO SANTA MARÍA)

Category	Fees (INR)
Faculty	₹ 5000
Students	₹ 2000
Industry	₹ 10000
BITS WILP Students	₹ 5000



**BIG DATA ON WEB**  
INFORMATION RETRIEVAL & SOCIAL MEDIA



**BIG DATA IN ASTRONOMY**  
ASTROINFORMATICS & ASTROSTATISTICS



**BIG DATA IN BIOLOGY & AGRICULTURE**  
BIOINFORMATICS, PERSONALIZED MEDICINE & AGRO-BIOINFORMATICS



**HIGH PERFORMANCE COMPUTING**  
ROLE OF HPC IN BIG DATA



**ENVIRONMENTAL ISSUES OF BIG DATA**  
GREEN COMPUTING

### Patrons:

- Prof. B. N. Jain, Vice Chancellor\*
- Prof. K. E. Raman, Director, KK Birla Goa Campus#
- Prof. G. Raghurama, Director, Pilani Campus\*
- Prof. R. K. Mittal, Director, Special Projects\*
- Prof. G. Sundar, Director, Off-campus Programs\*

### Coordinators:

- Prof. Navneet Goyal, BITS Pilani\*
- Prof. Eduardo Vera, University of Chile

### Organizing team:

- Prof. Sundar Balasubramaniam\*
- Prof. Poonam Goyal\*
- Prof. Bharat Deshpande#
- Dr. S. K. Sahay#

@ Pilani\* and @ Goa# campuses



**LAST DATE FOR REGISTRATION: MAY 25, 2014**



**BITS Pilani**

Department of Computer Science and Information Systems  
Pilani | Goa

Email: [icwbdh2014@pilani.bits-pilani.ac.in](mailto:icwbdh2014@pilani.bits-pilani.ac.in)  
Phone: +91-1596-515405(Pilani), +91-832-2580438(Goa)  
<http://www.bits-pilani.ac.in/Pilani/INDOCHILE/INDOCHILE>

innovate

achieve

lead