

Town Hall – EduHiPC Future Planning

Sushil K Prasad

EduHiPC Workshop Co-Chair

EduHiPC-18, Bangalore, India

Invited Speakers

- Ashish Kuvellkar, C-DAC
- Sushil Prasad, NSF and Georgia State Univ
- Seetha R K Nookala, Intel
- Abani Patra, SUNY Bufallo
- Andrew Lumsdaine - Indiana University
- Sheikh Ghafoor, Tennessee Tech
- R. K. Shtamasundar, IITBombay and TIFR
- Kishore Kothapalli, IIT Hyderabad

EduHiPC-19

- Contributed Papers
 - Publication in HiPC Workshop Proceedings
 - Invitation for JPDC Special Issue on PDC/HPC Education
- Contributed Posters
- Keynotes
- Panels
 - Curriculum
 - India's National Supercomputing Mission
- Organizers, PC members, Authors needed
- Hands-on session/tutorials, virtual?

Opportunities

- Core Curriculum Revision is a community effort
 - Curriculum Initiative Website:
 - <http://www.cs.gsu.edu/~tcpp/curriculum/>
- Early Adopter competition
 - Deadline Feb 12, 2019
- EduPar-19 @ IPDPS in Rio in May'19
 - Paper/Peachy Assignment/Poster Deadline Jan 18, 2019
- CDER Book Vol 3
 - Course and topic exemplars and accompanying resources
- For US-based: NSF CyberTraining Solicitation
 - Next Deadline: Feb 6, 2019

Needs?

- Curriculum Standards
 - ACM/IEEE 2013 CS Curricula; NSF/TCPP Curriculum
- Instructional Resources
 - Textbooks,
 - Access to Clusters,
 - CDER Cluster available
 - CDAC; local cluster
 - Real life Datasets, Simulations and sources
 - Lab setup
 - Online courses
- Common platform
- Trained Instructors
 - Incentives?
 - Resources – institutional, training, funding
- For India?
 - Engineering Colleges (various tiers), Universities
- For the region?
- Africa, Indian region, China,
- Forum – job and career

Resources?

- Educational
- Indian
 - Funding for curriculum adoption
 - EduHiPC sponsorships
 - A/V, Posters
 - keynote honorarium, travel for students/faculty
 - early adopter competition,
 - travel support to EduHiPC
- Regional
- Global

Other thoughts?

1. Hadoop ecosystem?
2. Liason with Govt/University bodies
3. Raise awareness
 1. CDAC 1-day workshops
4. Service and other industry involvement
5. Engaging tools, env – students/instructors
6. Students needs – jobs
 1. CS + domain

Calling on Volunteers!

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