The 9th Workshop on Education for High-Performance Computing (EduHPC-21) + NSF/TCPP Curriculum Initiative

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EduHPC-21, Nov 14, 2021
Big Thanks to EduHPC’21 Organizers, Authors & Speakers!

• **Program Chair, Vice-Chair, & Past Chair:**
  – Program Chair: Joel Adams, Calvin College
  – Program Vice Chair: Henry Gabb, Intel
  – Past Chair: Trilce Estrada, UNM

• Peachy Assignments Chair:
  – David Bunde, Knox College

• **Proceedings Chair:**
  – Satish Puri, Marquette
  – Webmaster: Michael McDermott, GSU

• **Organizing Committee:**
  – Martina Barnas, Indiana University
  – Sheikh Ghafoor, Tennessee Tech
  – Anshul Gupta, IBM Research
  – Alan Sussman, U Maryland
  – Charles Weems, U Massachusetts
  – Ramachandran Vaidyanathan, LSU

• **Invited Talks:**
  – Alexandra "Sandy" Landsberg, ONR
  – Paul Tymann, DUE Program Director, NSF

• **Next Workshops**
  – **EduHiPC’21** at Bangalore, India, Dec 17-18, - Hybrid
  – **EduPar’22**, May 30, Lyon, France

• **Upcoming CFP for CDER Book 3rd Volume** – Experience of Adopters
  • Exemplars + Resources on courses and topics

• **Sponsors:**
  – NSF, Intel, IEEE TCPP

• ** Detailed agenda:**
  [https://tcpp.cs.gsu.edu/curriculum/?q=eduhpc_program](https://tcpp.cs.gsu.edu/curriculum/?q=eduhpc_program)
NSF/TCPP Curriculum Initiative
What should every Computer Science and Engineering Student know about Parallel and Distributed Computing (PDC)?
https://tcpp.cs.gsu.edu/curriculum/

- Aspects: Energy, Big Data, Distributed Computing, Pervasive topics
- Timeline:
  - Version-2-beta released @ EduHPC’20
  - Public Feedback: sushil.prasad@utsa.edu
- 3:30 pm: Community Update Session on TCPP Curriculum

- **Companion Activities:**
  - Exemplars, Courseware Repository
  - CE-oriented TCPP Curriculum
  - Competencies-based - knowledge, skills and attitudes
- NSF Institute Planning Grant workshops
  1. SC’19
  2. SIGCSE’20 - online
  3. July 27, 2020 – online
  4. Mar 26-27, 2021 - online
  5. NSF Report Workshop – Oct’21