

The 9th Workshop on Education for High- Performance Computing (EduHPC-21)

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NSF/TCPP Curriculum Initiative

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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

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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**