



30th IEEE International Parallel &
Distributed Processing Symposium
Roundtable Workshops
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In 2016, IPDPS has introduced a new event: Roundtable Workshops. These condensed workshops, no more than ninety minutes, are organized and animated by a few people and held when other events have ended. The purpose is to provide a “roundtable” setting which promotes interaction and discussion focused on an emerging area of interest to IPDPS attendees, especially topics that complement and “round out” the areas covered by the regular workshops.

IPDPS 2016 Round-Table Workshop I: PDC in Core Undergraduate Education

Scheduled for: Tuesday, May 24, 2016 at 12 noon

Organizers

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(CSinParallel.org)

Abstract

Now that topics in parallel and distributed computing (PDC) have become established as essential by the national curriculum recommendations for undergraduate computer science (CS) majors, two key questions remain: How can we best incorporate PDC topics into existing undergraduate CS programs? How can we distribute such materials effectively to colleges and universities, and support instructors who want to develop in these fields? This interactive round-table workshop will address these questions, emphasizing integration of PDC education in the first two undergraduate years. After briefly presenting contrasting examples of PDC teaching materials and of dissemination/training strategies, the conversation will be opened for participants to share further examples, comment on what exists and what is needed, and envision new goals and directions.