MPI FORUM

Locations and Dates for 2019

MPI Forum Dates in 2019

- **Spring: March 4-7**
  - OpenMP F2F Jan 28-Feb 1
  - SIAM: Feb 25-Mar 1
  - ECP Meeting early Feb

- **Summer: May 28-31 (Tue-Fri)**
  - OpenMP F2F May 13-17
  - SC PC meeting: June 3-7
  - IDPDS: May 20-24
  - ISCA June 1-6
  - ISC Jun 16-20 & ICS typically late June
  - Memorial Day May 27

- **Fall: Sep 16-18 or Sep 4-6 (Wed-Fri) or Sep 5-7 (Thu-Sat)**
  - Iwomp (9/9-13, F2F 9/16-20)
  - EuroMPI 9/9-13 (Zürich)
  - Laborday is Sep 2

- **Winter: Dec 9-12**

MPI Forum Locations in 2019

- **Spring**
  - Chattanooga

- **Summer**
  - Chicago

- **Fall**
  - OpenMP is in New Zealand, EuroMPI in Zürich at the same time

- **Winter**
  - ABQ / SNL

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MPI-next Timeline

Topics for MPI-next

- **Passed**
  - Info Assertions
  - Deprecate send cancel
  - Remove info key propagation
  - MPI_Comm_idup_with_info
  - Info query
  - Small fixes to MPI_T

- **In the voting process**
  - Persistent collectives
  - Clarification of abort behavior
  - Non blocking constructor/destructor for RMA

- **Close or under concrete discussion**
  - MPI_T events
  - MPI process/OS clarification
  - "Create from group" functions
  - Large count
  - More on persistence
  - FP16?

Targeted Timeline
(edited during the meeting)

- **Draft Standard at SC 18**
  - All tickets passed second vote by September meeting
  - Just as an intermediate snapshot

- **Draft Release Standard at SC 19**
  - Final ratification meeting: March 2020
  - Release candidate meeting: December 2019
  - Last votes: September 2019
  - Last reading: March 2019

- **Standard before ISC 2020**

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Open Tickets

General Interest Open Tickets

- **13: Depricate MPI_COMM_JOIN**
  - https://github.com/mpi-forum/mpi-issues/issues/13

- **17: clarify what functions can be called on uncommitted datatypes**
  - https://github.com/mpi-forum/mpi-issues/issues/17

- **18: Longer types for use with MPI_MINLOC and MPI_MAXLOC**
  - https://github.com/mpi-forum/mpi-issues/issues/18

- **19: make MPI_THREAD_MULTIPLE a requirement for all implementations**
  - https://github.com/mpi-forum/mpi-issues/issues/19

- **30: When are attribute callbacks invoked?**
  - https://github.com/mpi-forum/mpi-issues/issues/30

- **64: Threading guarantees of MPI_User_function**
  - https://github.com/mpi-forum/mpi-issues/issues/64

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Virtual Meetings

Time Slots

- **The current time is very unfriendly in Japan**

- **New suggestion:**
  - Wednesday 10am, US Central
    - Which is 5pm Europe, midnight Japan

- **Doodle Poll**

Possible Topics

- **7/25 - Marc-Andre: MPI_T events prep**
  - Check for Marc-Andre

- **Tony: I* routines**

- **8/8 - Puri: Semantic Terms**
  - Check with Rolf

- **8/29 - Wesley: Pre-reading of MPI Process Failure**
  - Check with Aurelien

- **Dan: consequences of COMM_NULL in graph functions**

- **BigMPI / Large Count -> WG Calls before BCN**