HPCA-18/PPoPP 2012 Combined Schedule

WELCOME: Welcome to HPCA-18 and PPoPP 2012! This schedule lists all events in the two conferences, for updates visit the on-line version at http://www.ece.lsu.edu/hpca-18/hpca-ppopp-sched.html (the target of the QR code on the back).

MEALS: The conferences will provide continental breakfast and food during breaks, plus light food at a welcome reception Sunday night and dinner on the excursion. For lunch, guests are invited to try one of the many fine restaurants within a few blocks of the hotel.

EXCURSION: On Tuesday night the conferences will take an excursion on the Natchez, perhaps the last authentic steamboat on the Mississippi River. The excursion is available for free to those paying for the conferences (HPCA or PPoPP), **including students**. Additional excursion tickets can be purchased for others, such as spouses. Students who purchased tickets for themselves will be refunded. Boarding starts at the Toulouse Street Wharf at 18:45, and the ship departs at 19:15. The two-hour cruise will include dinner, drinks, and music. To reach the Wharf make a right out of the hotel main entrance and proceed down Royal Street for three blocks, then make a right onto Toulouse Street and walk for another two blocks.

Saturday, 25 February

Time	Room		Event
7:30 - 17:00	Hotel Lobby	B	Registration and Information
7:30 - 8:50	QA Parlor	H	*Breakfast*
7:30 - 8:30	Royal A	P	*Breakfast*
8:50 - 12:00	Iberville	H	INTERACT-16: Workshop on Interaction between Compilers and Computer Architectures
8:30 - 12:00	Bienville	H	Tutorial on Ocelot and SST-MacSim Simulator
8:30 - 12:00	Orleans	H	Sustainability and Energy Efficiency in Data Centers Design and Operation
8:30 - 12:00	Royal B	P	GCC
8:30 - 12:00	Royal C	P	PerfOpt
8:30 - 12:00	Royal D	P	SnuCL
10:00 - 10:30	Royal A	P	*Coffee and Snacks*
10:30 - 11:00	QA Parlor	H	*Coffee and Snacks*
13:00 - 16:30	Orleans	H	InfiniBand and High-Speed Ethernet Architectures for Scientific and Enterprise Computing: Opportunities and Challenges
13:30 - 17:00	Iberville	H	INTERACT-16: Workshop on Interaction between Compilers and Computer Architectures
13:30 - 17:00	Bienville	H	Tutorial on Ocelot and SST-MacSim Simulator
13:30 - 17:00	Royal B	P	GCC
13:30 - 17:00	Royal C	P	IrregParallelize
13:30 - 17:00	Royal D	P	GPU
15:00 - 15:30	Royal A	P	*Coffee and Snacks*
15:00 - 15:30	QA Parlor	H	*Coffee and Snacks*

Sunday, 26 February

Time	Room		Event
7:30 - 17:00	Hotel Lobby	B	Registration and Information
7:30 - 9:00	QA Parlor	H	*Breakfast*
7:30 - 8:30	Royal A	P	*Breakfast*
8:45 - 12:00	Iberville	H	SHAW-3: 3rd Workshop on SoCs, Heterogeneous Architectures and Workloads
9:00 - 12:00	Bonnet C	H	UCAS-7: The 7th International Workshop on Unique Chips and Systems
9:00 - 12:00	Orleans	H	Security for Computer Architects
8:30 - 12:00	Bienville	H	The First Workshop on Architecture and Application Exploration of Micro-Server Systems
8:30 - 12:00	Royal B	P	TRANSACT
8:30 - 12:00	Royal C	P	PMAM
8:30 - 12:00	Royal D	P	GraphAnalysis
10:00 - 10:30	Royal A	P	*Coffee and Snacks*
10:30 - 11:00	QA Parlor	H	*Coffee and Snacks*
13:30 - 17:00	Iberville	H	SHAW-3: 3rd Workshop on SoCs, Heterogeneous Architectures and Workloads
13:30 - 17:00	Bonnet C	H	UCAS-7: The 7th International Workshop on Unique Chips and Systems
13:30 - 17:15	Orleans	H	Security for Computer Architects
13:30 - 17:00	Bienville	H	Acclerator Architectures for General-Purpose Computing: from a Hardware, System Software and Application's Perspective
13:30 - 17:00	Royal B	P	TRANSACT
13:30 - 17:00	Royal C	P	PMAM

13:30 - 17:00	Royal D	P	GraphAnalysis
15:00 - 15:30	Royal A	P	*Coffee and Snacks*
15:00 - 15:30	QA Parlor	H	*Coffee and Snacks*
18:00 - 20:00	La Nouvelle	B	Welcome Reception: Finger food and two drinks. IEEE Computer Society President John Walz will be mixing with the crowd.

Monday, 27 February

7:30 - 17:00	Mezzanine	B	Registration and Information
7:30 - 8:30	La Nouvelle	B	*Breakfast, HPCA & PPoPP*
8:30 - 9:00	QA Ballroom	B	**Opening Remarks**
9:00 - 10:00	QA Ballroom	B	**Keynote, Sanjeev Kumar**
10:00 - 10:30	QA Parlor	P	*Coffee and Snacks*
10:00 - 10:30	L Nouv E&W	H	*Coffee and Snacks*
10:30 - 12:00	L Nouv East	H	Reliability
10:30 - 12:00	L Nouv West	H	Memory Systems I
10:30 - 12:00	QA Ballroom	P	GPU Tools
13:00 - 13:30	L Nouv E&W	H	*Coffee and Snacks*
13:30 - 15:30	L Nouv East	H	Heterogeneous Architectures
13:30 - 15:30	L Nouv West	H	Parallel Architectures
13:30 - 15:30	QA Ballroom	P	Communication & SIMD Optimization
15:30 - 16:00	L Nouv E&W	H	*Coffee and Snacks*
15:30 - 16:30	Riverview	P	Poster Session 1, Refreshments
16:00 - 17:30	L Nouv East	H	Memory Systems and I/O
16:00 - 17:30	L Nouv West	H	Caches
16:30 - 18:00	QA Ballroom	P	Programming Models
18:00 - 19:30	L Nouv East	H	TCCA Business Meeting

Tuesday, 28 February

8:00 - 17:00	Mezzanine	B	Registration and Information
8:00 - 9:00	La Nouvelle	B	*Breakfast, HPCA & PPoPP*
9:00 - 10:00	QA Ballroom	B	**Keynote, Keshav Pingali**
10:00 - 10:30	QA Parlor	P	*Coffee and Snacks*
10:00 - 10:30	La Nouvelle	H	*Coffee and Snacks*
10:30 - 12:00	La Nouvelle	H	Best Paper Session
10:30 - 12:00	QA Ballroom	P	GPU Algorithms
13:00 - 13:30	L Nouv E&W	H	*Coffee and Snacks*

13:30 - 15:30	L Nouv East	H	Power and Energy
13:30 - 15:30	L Nouv West	H	Parallel Programming and Architectures
13:30 - 15:30	QA Ballroom	P	Concurrent Data Structures
15:30 - 16:30	L Nouv E&W	H	*Coffee and Snacks*
15:30 - 16:30	Riverview	P	Poster Session 2, Refreshments
16:30 - 17:30	L Nouv East	H	Performance Modeling
16:30 - 17:30	L Nouv West	H	Best of CAL Session
16:30 - 18:00	QA Ballroom	P	Parallel Algorithms
18:45 - 19:15	Dock	B	Excursion Boarding: Boarding on the steamboat Natchez starts at the Toulouse Street Wharf at 18:45, we sail at 19:15. Excursion ¡b¿is now included¡/b¿ in student price. Students who purchased an excursion (banquet) ticket will be refunded.
19:15 - 21:15	Dock	B	Excursion Cruise: Mississippi River cruise, dinner and drinks. Boat departs at 19:15, ¡b¿don't be late!¡/b¿

Wednesday, 29 February

7:30 - 12:15	Mezzanine	B	Registration and Information
7:30 - 8:30	La Nouvelle	H	*Breakfast*
7:30 - 8:30	QA Parlor	P	*Breakfast*
8:30 - 10:00	La Nouvelle	H	Industrial Track
8:30 - 10:00	QA Ballroom	P	Correctness and Fault Tolerance
10:00 - 10:30	La Nouvelle	H	*Coffee and Snacks*
10:00 - 10:30	QA Parlor	P	*Coffee and Snacks*
10:30 - 12:00	La Nouvelle	H	Network on a Chip
10:30 - 12:00	QA Ballroom	P	Scheduling and Synchronization
12:00 - 12:15	QA Ballroom	P	Closing Remarks