

# OpenMP SC'19 Denver Survival Guide

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**More information about OpenMP @ SC'19:**  
[openmp.org/events/sc19](https://openmp.org/events/sc19)



# Convention Center

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## DENVER CONVENTION CENTER

**Address:** 700 14th St, Denver, CO 80202

**Phone:** (303) 228-8000

<https://denverconvention.com>

## DIRECTIONS

The closest major intersection is Colfax Avenue and Speer Boulevard. There are several entrances into the facility, but the most common entrances are located off of 14th Street between Stout and California Street. For specific directions and how to get to the Colorado Convention Center, please enter your [starting address here](#) and a map and directions will be populated.

## UPS STORE

**Location:** In the main lobby across from the big blue bear

**Hours:** Monday-Friday 8am - 5pm.

**Phone:** (720) 904-2300

**Email:** Store6611@theupsstore.com

<http://denverconvention.com/attend-an-event/ups-business-center/>

## ABOUT THE BIG BLUE BEAR

The 40-ft fiberglass and steel bear sculpture is called “I see what you mean” and was created by Lawrence Argent. More info at [denverconvention.com/about-us/public-art/i-see-what-you-mean/](http://denverconvention.com/about-us/public-art/i-see-what-you-mean/)

There is a lot more public art at the convention center, including the “Laughing Escalator.” For a listing with their locations, see <https://denverconvention.com/about-us/public-art/>

## BOF: WEDNESDAY @ 5:15

### OpenMP API Version 5.0 - State of the Union

Wed Nov 20, 5:15pm-6:45pm

Room 205-207

A year after the release of OpenMP API 5.0, we will look at the progress made in adopting the new API version. A series of lightning talks showing use-cases of OpenMP in real applications will give the audience insight into how modern OpenMP is used on recent leadership and flagship HPC systems. We will also host ARB representatives of OpenMP vendors to report on compiler availability for version 5.0. A panel discussion with leading ARB experts will give the audience the opportunity to interact directly with the ARB.

## TUTORIALS: SUNDAY & MONDAY

We will have four ALL-DAY tutorials this year, from 8:30am to 5pm:

Sunday, November 17	Monday, November 18
Rm 406: <b>Mastering Tasking with OpenMP</b>	Rm 303: <b>Advanced OpenMP: Host Performance and 5.0 Features</b>
Rm 301: <b>OpenMP Common Core: A Hands-On Exploration</b>	Rm 301: <b>Programming your GPU with OpenMP: A Hands-On Introduction</b>

## REFERENCE GUIDES, STICKERS, & LANYARDS

Visit the OpenMP booth to get your free OpenMP Reference Guide, sticker, and lanyard – and sign up to receive the OpenMP newsletter. You can also download a PDF of the reference guide at [openmp.org/resources/refguides/](http://openmp.org/resources/refguides/)

## BOOK DRAWINGS EVERY DAY

We will have drawings in the booth at the end of each day: Mon: 8:30pm, Tues: 4:30pm, Wed: 4:30pm, Thurs: 2:30pm. Each winner will receive one of three OpenMP books:

- **Using OpenMP – The Next Step.** By Ruud van der Pas, Eric Stotzer, Christian Terboven.
- **OpenMP Common Core: Making OpenMP Simple Again.** By Tim Mattson, Helen He, Alice Koniges
- **OpenMP API Specification Version 5.0.** Edited by Michael Klemm, Bronis R. de Supinski

## BEER SOCIALS: TUESDAY & WEDNESDAY @ 4PM

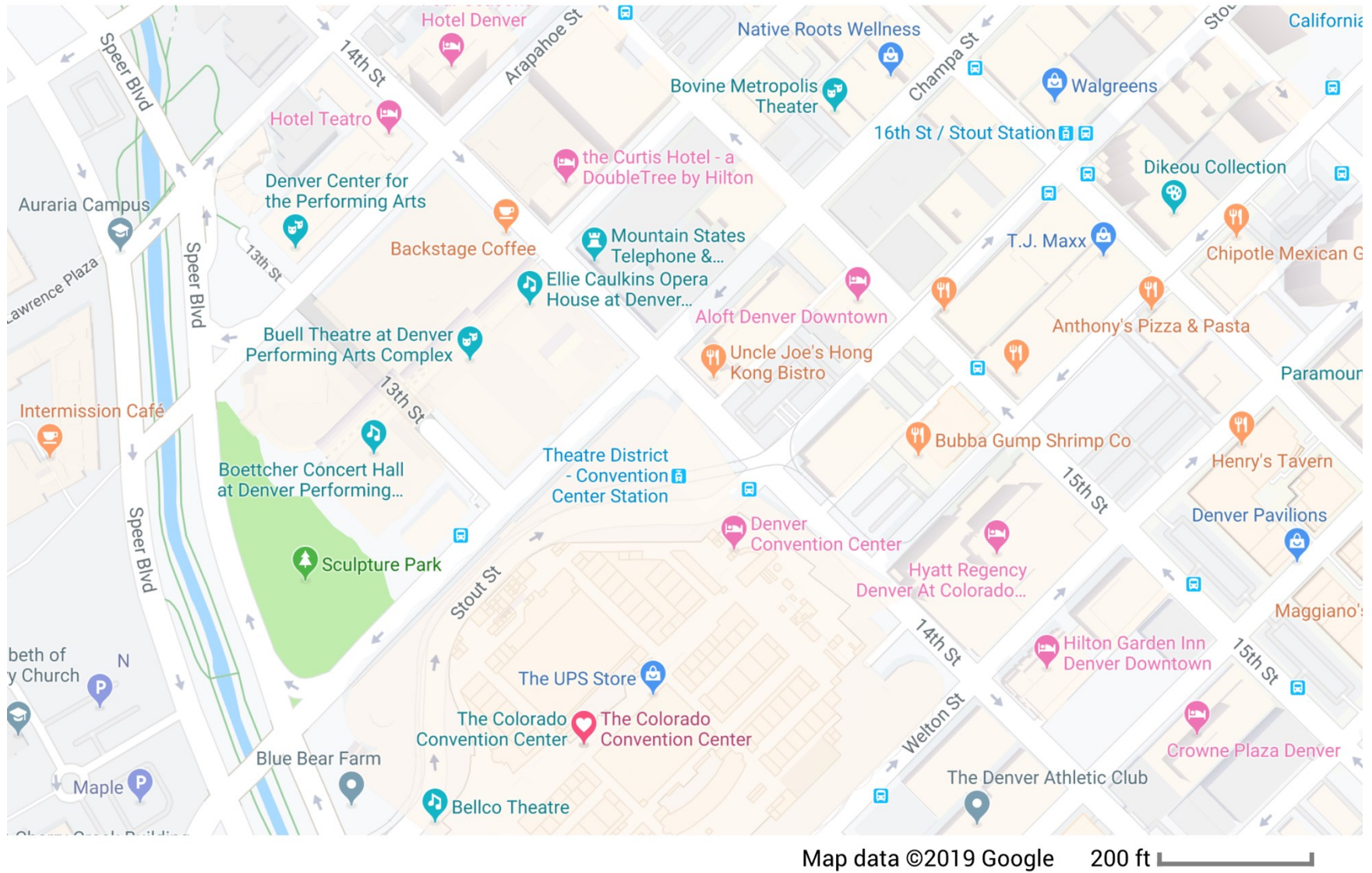
Unwind after a long day of tech sessions and exhibits by joining us at 4pm in our booth (#1737) on Tuesday and Wednesday for a beer or soft drink and to meet members of the OpenMP Architecture Review Board. It's often gone within 90 minutes, so come early! *(Beer served only to those aged 21 and over.)*

## BOOTH TALKS: TUESDAY & WEDNESDAY

We will have twelve presentations in the booth on Tuesday and Wednesday at the following times. These sessions will be recorded and made available to download from our website at [openmp.org](http://openmp.org).

Tuesday, November 29 in the booth	Wednesday, November 20 in the booth
10:45am: <b>Intel® oneAPI HPC Tools: OpenMP offload on GPUs</b> Xinmin Tian	10:45am: <b>OpenMP in the Arm Forge</b> Nick Forrington
11:15am: <b>Dynamic Load Balancing of Loops in OpenMP</b> Florina Ciorba	11:15am: <b>Driving OpenMP Development through Application Needs</b> Oscar Hernandez
11:45am: <b>Practical approach to OpenMP for NVIDIA GPUs</b> Güray Özen	11:45am: <b>Tools Using the OMPT Interface</b> Joachim Protze
1:15pm: <b>Intel Advisor Roofline: OpenMP on CPUs &amp; Integrated GPUs</b> Zakhar Mateev	1:15pm: <b>OpenMP Best Practices with Parallelware Analyzer</b> Manuel Arenaz
1:45pm: <b>SOLLVE: OpenMP Validation &amp; Verification Suite</b> Sunita Chandrasekaran	1:45pm: <b>The OpenMP Common Core</b> Tim Mattson
2:15pm: <b>Speed Up Your OpenMP Code Without Doing Much</b> Ruud van der Pas	2:15pm: <b>Low-Overhead Loop Scheduling in OpenMP</b> Vivek Kale
2:45pm: <b>Make Legacy Fortran Code Fly on GPUs in 5 Days or Less</b> Alice Koniges	2:45pm: <b>OpenMP clang and flang Development</b> Michael Kruse or Johannes Doerfert
3:15pm: <b>Nvidia Progress on OpenMP Implementatiton</b> James Beyer	3:15pm: <b>Lightweight Threaded Runtime Systems for OpenMP</b> Shintaro Iwasaki

# Area Map



# Airport and Transportation

## AIRPORT

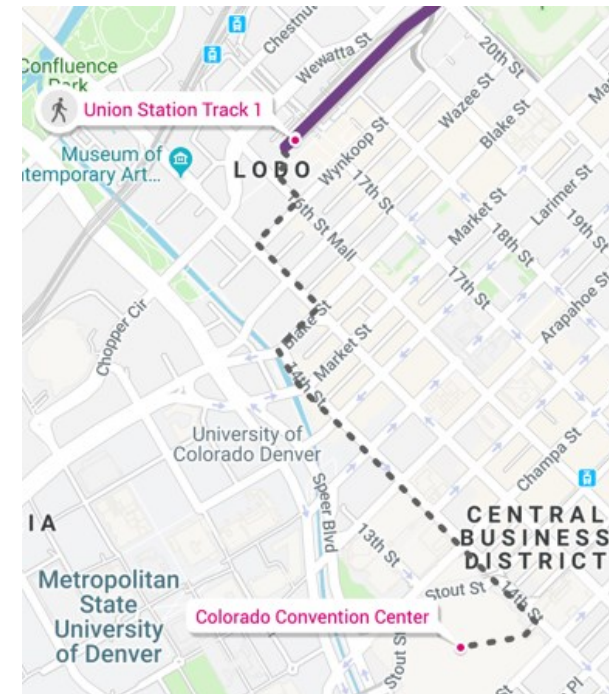
### Denver International Airport (DEN)

Airport distance from convention center: 19 miles

## TRANSPORTATION

### TRANSPORTATION FROM THE AIRPORT TO THE CONVENTION CENTER

- **Taxi:** Approximately \$75, and 35 minutes. Most taxis accept credit cards.
- **Apps:** Uber and Lyft are popular in Denver. Expect to pay up to approx. \$45 for the 35-minute ride.
- **Train:** Take the train using the A Line for \$10.50, arriving at Union Station Track 1 in about 37 minutes. Note that the Union Station is about 1 mile from the convention center. Services depart every 20 minutes and operate every day. From baggage claim, head to the South side of the terminal, go outside and down the escalator directly in front of the doors.  
[Map of Denver train system](#)   [How to take the train](#)
- **Car rental:** All major car rentals available at the Denver Airport. Driving will take approximately 35 minutes.  
**Bus:** There is a bus, but there is no direct bus from Denver Airport (DEN) station to Colorado Convention Center station. Taking the bus will include a transfer and a 1hr and 40-minute ride.



## BLUCIFER THE BLUE MUSTANG

As you travel from the airport into the city, watch out for the giant statue “Blue Mustang,” which the locals call “Blucifer.”

[More about Blucifer here](#) (and see a picture of it on page 8 of this guide).

# Area Restaurants

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## IN ORDER OF THEIR DISTANCE FROM THE CONVENTION CENTER

[PIZZA REPUBLICA](#) | 890 14TH ST (1 MIN WALK)

Located right next to the convention and performing arts centers.

[STOUT STREET SOCIAL](#) | 1400 STOUT ST (2 MIN WALK)

Hip setting for an eclectic & far-flung menu, including New England clam chowder & sushi rolls.

[UNCLE JOE'S HONG KONG BISTRO](#) | 891 14TH ST #100 (2 MIN WALK)

Great Chinese food: mix of authentic Cantonese style dishes along with the typical American version.

[CORINNE](#) | 1455 CALIFORNIA ST (2 MIN WALK)

New American food.

[TERRITORY KITCHEN + BAR](#) | 1400 WELTON ST (3 MIN WALK)

American cuisine. Cheerful venue in the Hilton Garden Inn for global fare from breakfast through happy hour & dinner.

[THE CORNER OFFICE RESTAURANT + MARTINI BAR](#) | 1401 CURTIS STREET (3 MIN WALK)

American cuisine - Modern takes on comfort classics that span the globe plus cocktails in a sleek setting.

[RUTH'S CHRIS STEAK HOUSE](#) | 707 15TH ST (3 MIN WALK)

Upmarket steakhouse chain known for sizzling, butter-topped beef in an elegant setting.

[SAM'S NO. 3](#) | 1500 CURTIS STREET (4 MIN WALK)

Circa-1927 kitschy diner dishing up big helpings of comfort food from breakfast through dinner.

[BAR RED](#) | 437 W COLFAX AVE (4 MIN WALK)

Cozy, brick-walled venue offering Italian entrees & pizza, unique drinks & occasional live music.



[MAGGIANO'S LITTLE ITALY](#) | 500 16TH ST MALL #150 (6 MIN WALK)

Semi-upscale chain for classic Italian fare served family-style in a relaxed, polished space.

[EUCLID HALL BAR & KITCHEN](#) | 1317 14TH ST (7 MIN WALK)  
High-concept eclectic bar bites & a carefully sourced beer list in an industrial-modern pub setting.

[EARLS GLENARM KITCHEN + BAR](#) | 1600 GLENARM PL #140 (7 MIN WALK)  
American - Sleek, upscale chain serving gourmet burgers, global comfort food, cocktails, wines, and beers.

[RIOJA](#) | 1431 LARIMER ST (8 MIN WALK)  
Locally sourced, imaginative Mediterranean dishes & wines in a high-energy dining room.

[TAG RESTAURANT](#) | 1441 LARIMER ST (LARIMER SQUARE) (9 MIN WALK)  
Chef Troy Guard's eclectic fare & offbeat cocktails in a brick-lined interior with orange lights.

[RIO GRANDE MEXICAN RESTAURANT](#) | 1525 BLAKE ST (13 MIN WALK)  
Tex-Mex restaurant.



# Nearby Things to See and Do

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## BEOWULF BASH SC '19!

After the opening night of the SC exhibits, come to the annual party that kicks off SC with style! Open to all SC exhibitor and attendees. **Monday, November 18, 9pm to Midnight**. More details will be available at <https://beowulfbash.com/>

## MUSEUMS & PARKS

- [American Museum of Western Art](#) – 1727 Tremont Place (12 min walk from convention center)  
Historic structure showcasing paintings of the American West from the early 1800s to the present.  
Hours: Mon/Wed/Fri: 10am-4:30pm.
- [Civic Center Park](#) – 101 14<sup>th</sup> Avenue (11 min walk from conf center)  
Green space dotted with fountains, statues, a Greek amphitheater
- **Confluence Park** – 2250 15th St. (25 min walk from conf. center)  
Take a walk, kaya, sunbathe on the sandy banks, and enjoy panoramic views of downtown Denver.
- [Denver Art Museum](#) – 100 W 14th Avenue Pkwy. (13 min walk from convention center)  
Regional and modern art. Hours: Sat-Thurs: 10am-5pm, Fri: 10am-8pm
- [Downtown Aquarium](#) – 700 Water Street (Taxi: 10 minutes from convention center)  
Hours: 10am-9pm
- [History Colorado Center](#) – 1200 N Broadway (15 min walk from convention center)  
Interactive museum showcasing state-history exhibits, lectures & more in an eco-friendly building.
- [Museum of Contemporary Art Denver](#) – 1485 Delgany St (18 min walk from convention center)  
Hours: Tue-Fri: 12-7pm, Sat-Sun: 10am-5pm
- [Wings Over the Rockies Air & Space Museum](#) – 7711 ED. Academy Blvd (Taxi: 23 minutes from convention center)  
182,000 square feet of hangar space full of iconic aircraft, space vehicles, artifacts, military uniforms and much more.