



AGENDA

Americas March 14, 2023

Start Time: 10AM PT / 1PM ET

Event Duration: 2 hours

Agenda subject to change

10:00-10:35 PT
1:00-1:35 ET

Opening and welcome: The future of Cassandra

Apache Cassandra is entering a new era as the database for cloud native applications. With years of proof behind it, you'll see how we are just getting started.

Patrick McFadin | DataStax

What's new for developers in Cassandra 5

New APIs. Changes to CQL. More powerful queries. All of it to make development easier and faster when using Cassandra! Learn how the most stable database in the world is learning new tricks that will open more use cases for you.

Aaron Morton | DataStax

Coming to a Cassandra cluster near you: Mongoose

Author of the incredibly popular [MongooseJS](#) library talks about his exciting new work with the Apache Cassandra community and how things are going to get much easier when developing applications.

Valeri Karpov | MeanIT Software

ACID transactions on Cassandra

One of the most exciting developments in the world of Cassandra development. ACID transactions that work the way Cassandra works, with scale, distribution, and fault tolerance. Hear how this change is leapfrogging other transactional systems and will set the standard for years to come.

Aaron Ploetz | DataStax

10:35-10:55 PT
1:35-1:55 ET

Cassandra Ring Panel: What are you looking forward to in 5.0?

Committers working on the Apache Cassandra project give you an insider's view of what they are excited to see coming in Cassandra 5.0.

Apache Cassandra Committers

11:00-11:20 PT
2:00-2:20 ET

Real-time data pipelines with Flink and Cassandra

Netflix uses a lot of Cassandra to power our services. Come learn how and why we capture change data events in Cassandra using Flink for use in other systems.

Satyajit Thadeshwar | Netflix

11:20-11:40 PT
2:20-2:40 ET

Code That Can't Fail, Backed By Cassandra

An introduction to durable execution and how Temporal implements it using Cassandra. Durable execution transparently persists each step of a program so that if the machine running the code crashes, another machine can continue executing at the next step. It also has built-in durable timers and automatic retries for anything that might fail. Combined, it makes it simple for developers to write reliable code.

Loren Sands-Ramshaw | Temporal

11:40-12:00 PT
2:40-3:00 ET

What's next for Apache Cassandra use cases?

Looking even further forward into the next few years, how will you use Cassandra? The two areas of our community that will grow the fastest are cloud native and AI/ML workloads. Cassandra was built for the next generation of applications. We are adding even more capabilities to help you develop faster with less effort.

Patrick McFadin & Davor Bonaci | DataStax