

SRE CON[®] ASIA — AUSTRALIA



SINGAPORE • June 12–14, 2019

Sponsored by USENIX, the Advanced Computing Systems Association

Important Dates

- Proposal submission deadline: **Tuesday, January 22, 2019, 11:59 am GMT**
- Notification to talks presenters: **Tuesday, March 5, 2019**
- Lightning talks submission deadline: **Thursday, May 2, 2019**
- Notification to lightning talks presenters: **Tuesday, May 14, 2019**

Overview

SREcon19 Asia/Australia will take place June 12–14, 2019, in Singapore. It is a gathering of engineers who care deeply about site reliability, systems engineering, and working with complex distributed systems at scale. It aims to serve both those new to the profession as well as those who have been involved in it for years. The conference has a culture of critical thought, deep technical insights, continuous improvement, and innovation. SREcon19 Asia/Australia welcomes participants from organisations exploring the adoption of DevOps and SRE principles, as well as those with longer traditions and experience.

Our theme for the third SREcon Asia/Australia is depth of knowledge and sharing best practices for the region's evolving SRE organisations, with an aim to increase collaboration in the region.

Proposals

We are looking for proposals in the following formats:

- Talks:
 - 20-minute talks with 5 minutes for Q&A
 - 45-minute talks with 10 minutes for Q&A
- Lightning Talks:
 - 5 minute talks
- We will accept talk proposals until **Tuesday, January 22, 2019** via the submission form linked from the SREcon19 Asia/Australia website.
- We'll evaluate those and get back to you by **Tuesday, March 5, 2019**.
- Accepted speakers will be required to confirm their plan to present along with their talk information by **Thursday, March 14, 2019**.

- We will accept lightning talk proposals starting on **Friday, March 22, 2019** via the Lightning Talks submission form linked from the SREcon19 Asia/Australia website.
- We'll evaluate those and get back to you by **Tuesday, May 14, 2019**.

Both presenters and organisers may withdraw or decline proposals for any reason, even after initial acceptance. Speakers must submit their own proposals; third-party submissions, even if authorised, will be rejected.

Please join us in creating an excellent program for the third SREcon Asia/Australia, which will be the thirteenth SREcon event globally. In 2018, SREcon Asia/Australia had 329 attendees from 87 companies, with backgrounds covering 20 countries and ranging from single-person startups through tech giants with tens of thousands of employees as well as finance and enterprise sector companies adopting SRE for the first time. We look forward to growing SREcon Asia/Australia in 2019 with even more representation from even more diverse organisations and backgrounds willing to share their knowledge and experience.

Suggested Topics

- Engineering reliability through automation, monitoring, deployment, capacity planning, and validation, including automatically scaling to handle large traffic spikes.
- New challenges that Machine Learning and Artificial Intelligence bring to reliability, efficiency, and more.
- How to embrace and support diversity in SRE, and how to cultivate, recruit, and retain SREs.
- Challenges of distributed teams such as languages and timezones, especially those unique to Asia/Australia.
- The ethical concerns in our industry for the near future, and how we as SREs can lead the discussion on ethics in software.
- Any other topic under Computer Systems Engineering, SRE, Production Engineering, DevOps and related fields.

New in 2019! Core Principles Track

This year we are introducing a Core Principles track. Talks in this track will focus on providing a deep understanding of how technologies we use every day function, and why it's important to know these details when supporting and scaling your infrastructure.

For this track we're looking for a number of topics, such as:

- Databases:
 - How indices work in MySQL, PostgreSQL, and other databases, and how data is stored on disk
 - How to shard data across multiple databases efficiently
- Metrics and observability:
 - Internals of open source metrics systems, scaling, and storage
- Big Data:
 - How Hadoop works
 - Elasticsearch internals
- Machine Learning:
 - Creating and improving models in machine learning
 - Machine learning fundamentals
- Network:
 - Internet protocols and how they work (TCP, BGP, IPv6, etc.)
 - HTTP routing and load balancing
- Languages and performance
 - Avoiding the GIL in Python
 - Java garbage collection tuning
 - High performance Ruby
 - Common pitfalls for new C++ writers

You're welcome to submit talk proposals on these topics, or any others you feel would be interesting to an SRE audience. If you have a topic suggestion or request for a particular speaker you really would like to see at the conference, feel free to drop us a message at srecon19asia_chairs@usenix.org.

Conference Organizers

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