

Day 1, April 7: Network Engineering, Systems

The best tech companies push the boundaries of what it means to design, deploy and run distributed software at mass scale. Businesses new and old believe platforms (not tools) are the way forward, and many are building their own. How are shops of all sizes leveraging open source, open compute, hybrid cloud and edge computing to build the experience of tomorrow, today?

10:00 am – 10:25 am CST	Welcome & Keynote: Infrastructure and Culture Powering Target's Success		Mike McNamara, Chief Information Officer, Target Larry Dignan, Editor in Chief, ZDNet
10:25 am – 10:40 am CST	Track: Network Engineering	Session 1: Building Open Network infrastructure	Roopa Prabhu, Director of Engineering, Nvidia Mellanox
10:40 am – 10:55 am CST	Track: Network Engineering	Session 2: The State of Open Networking	Archna Haylock, Director, OCP Bill Carter, CTO, Open Compute Project
10:55 am – 11:10 am CST	Track: Systems	Session 3: From a Data Center Engineer to a Cloud Engineer to a Multi-Cloud Engineer	Frans Van Rooyen, Senior Architect, Adobe
11:10 am – 11:25 am CST	Track: Systems	Session 4: Scaling Systems Engineering	Kapil Surlaker, Vice President of Engineering, LinkedIn
11:25 am – 11:40 am CST	Track: Systems	Session 5: Cluster Management (TAP)	Haylie Helmold, Senior Engineer, Target Dan Woods, Distinguished Engineer, Target
11:40 am – 11:55 am CST	Day 1 Q&A		Moderator: Pablo Espinosa, Vice President of Infrastructure, Target

Day 2, April 8: SRE, Data & Machine Learning

The success of engineering functions now depends on an equal focus between ops and dev: not only on the functionality delivered through technology, but also the day-to-day performance of it. How do companies, large and small, scale capacity while enabling computing to the edge and far edge? How can we better teach machines in order to collectively liberate engineers from administrative tasks?

10:00 am – 10:25 am CST	Welcome & Keynote: Behind The Scenes of Target's Infrastructure Journey		Hari Govind, Senior Vice President of Infrastructure, Target
10:25 am – 10:40 am CST	Track: Data & Machine Learning	Session 1: Taming Complexity in Large Scale Event Streaming	Kelsey Hightower, Developer Lead, Google Alex Gallego, Founder & CEO, Vectorized
10:40 am – 10:55 am CST	Track: Data & Machine Learning	Session 2: Engineering the Next Era of Data Infrastructure	Gwen Shapira, Principal Data Architect, Confluent
10:55 am – 11:10 am CST	Track: Data & Machine Learning	Session 3: Building Resilient Databases At Scale	David Templin, Senior Software Engineer, Shipt Nate Stewart, Chief Product Officer, Cockroach Labs
11:10 am – 11:25 am CST	Track: Site Reliability Engineering	Session 4: Seeing the Invisible: Discovering Operations Expertise	John Allspaw, Co-founder, Adaptive Capacity Labs
11:25 am – 11:40 am CST	Track: Site Reliability Engineering	Session 5: SRE at Target	Kate Blanchard, Director of Engineering, Target John Engelman, Director of Technology, Target
11:40 am – 11:55 am CST	Day 2 Q&A		Moderator: Krishnan Srinivasan, Vice President of Infrastructure, Target