



SCHEDULE

MONDAY, OCT. 14, 2019

RALEIGH CONVENTION CENTER / ALLTHINGSOPEN.ORG

SSID: All Things Open

SECURITY KEY: ato2019!

The security type (if prompted) is WPA2-AES-PSK
Problems? Call (919) 996-8652

DOWNLOAD THE ATO APP!

Visit <https://eventmobi.com/ato2019/>
Click "Get the App" to download the Eventmobi app from the app store.

7:00AM REGISTRATION

9:00AM WELCOME KEYNOTE

Todd Lewis, All Things Open

9:15AM KEYNOTES

Decoding The Human Condition,
Jono Bacon, Jono Bacon Consulting
Does Tech Really Have a Pipeline Problem? Exploring Diversity & Inclusion

Tracy Lee, This Dot Labs
Amazon's Commitment to Open Source

Arun Gupta, Amazon

Machine Learning for All

Erica Stanley, SalesLoft

Building High Performance Teams Across Cultures

Emma Wedekind, LogMeIn

10:30AM BREAK

10:45AM BREAKOUT SESSIONS

11:30AM BREAK

11:45AM BREAKOUT SESSIONS

12:30PM LUNCH

12:45PM STARTUP PITCH COMPETITION

1:00PM BREAKOUT SESSIONS

2:00PM BREAK

2:15PM BREAKOUT SESSIONS

3:00PM BREAK

3:15PM BREAKOUT SESSIONS

4:00PM BREAK

4:15PM BREAKOUT SESSIONS

5:00PM BREAK

5:10PM CLOSING KEYNOTES

Fireside Chat with Chris Wright, Red Hat CTO

Chris Wright, Red Hat

Closing Keynote,

Todd Lewis, All Things Open

5:30PM EVENING SOCIALS

WORKSHOPS & EXTENDED SESSIONS

MARRIOTT BALLROOMS

Go down to 2nd floor of Convention Center
Follow signs to Marriott / Take escalator up / Ballrooms on right

Open Distro for Elasticsearch HackDay, hosted by AWS
State Ballroom A / All day hackathon
*please note separate registration is required

Introduction to Face Processing with Computer Vision
Gabriel Bianconi, Scalar Research / State Ballroom B / 10:45am

SQL Back - How advances in data platforms and tools has made building SQL-oriented, high-scale data architectures possible and practical
Michael Sick, Independent Consultant / Congressional Ballroom A / 10:45am

Developer Workflow Automation with GitHub Actions, hosted by GitHub
Brian Douglas, GitHub / Congressional Ballroom B / 10:45am

Plan, Build and Run Cloud-native Applications for Digitally Driven Businesses, hosted by WS02
Laslo Pastor, WS02 / Chancellor Room / 10:45am

Building Recommendation Engines & Deep Learning Models using Python R & SAS

Ari Zitin & Robert Blanchard, SAS / State Ballroom B / 2:15pm

Writing Tutorial: Using blogging and great documentation to grow your open source project
Ali Spittel, Dev.to / Congressional Ballroom A / 2:15pm

Introduction to Containers: From Docker to Kubernetes and everything in-between
Brent Lester, SAS / Congressional Ballroom B / 2:15pm

MongoDB Atlas Training, hosted by MongoDB
Matt Grogan, MongoDB / Chancellor Room / 2:15pm
*please note separate registration is required

FRONT-END DEVELOPER BALLROOM C

10:45AM-11:30AM Foundations Of Design Systems
Emma Wedekind, LogMeIn

11:45AM-12:30PM Internationalize your Web App with GlobalizeJS
Aloita Sharma, Amazon Web Services

1:00PM-2:00PM Lightning Chats on the JS Party Podcast: Watch an episode of JS Party taped live!
Hosted by Jerod Santo of JS Party Jerod Santo, Changelog Media

2:15PM-3:00PM Navigating the React Ecosystem
Ben Iglegod, Eventbrite

3:15PM-3:35PM A Skeptic's Intro to the JAMStack
Shawn Wang, Netlify

3:40PM-4:00PM Perceived Performance, and Why it Matters
Indira Pranabudi, Vistaprint

4:15PM-5:00PM Achievement Unlocked: Drive development, increase velocity, and write blissful tests with Cypress
Brian Mann, Cypress.io

DEVOPS BALLROOM A

10:45AM-11:30AM Everything as Code with Terraform
Rosemary Wang, HashiCorp

11:45AM-12:30PM Avengers Assemble - The Thanos Incident
Matty Stratton, PagerDuty

1:00PM-2:00PM Banks and Open Source: Hell has officially frozen over
Gabriele Columbo, FINOS

2:15PM-3:00PM Exemplars, Laggards, and The Cautious: a data-driven look at high-velocity software development practices
Derek Weeks, Sonatype

3:15PM-3:35PM Deploy your ML Workloads on Kubernetes with Kubeflow
Karl Weinmeister, Google

3:40PM-4:00PM How do you get Started Doing AI?
Gordon Haff, Red Hat

4:15PM-5:00PM Training Your First Neural Network with Keras
Sachin Solhan, Fidelity Investment

4:15PM-5:00PM Scaling Kafka in the Cloud
Heikki Nousiainen, Aiven

MACHINE LEARNING ROOM 301A

10:45AM-11:30AM Scalable and Repeatable Machine Learning pipelines: A key requirement for your ML project
Nick Harvey, Pachyderm

11:45AM-12:30PM What is your ML score?
Tania Allard, Microsoft

2:15PM-3:00PM What We've Learned About Success With All Projects
Mark Heid, Fidelity Investments

3:15PM-3:35PM Deploy your ML Workloads on Kubernetes with Kubeflow
Karl Weinmeister, Google

3:40PM-4:00PM Deploying Machine Learning Models - Serverless and Container Design Patterns
Dan Zaratsian, Google

4:15PM-5:00PM The Future of Data Pipelines
John Hammink, Aiven.io

4:15PM-5:00PM From Big Data to Action: How To Break Out of the Silos and Leverage Data Governance for Your Organization
John Mertic, The Linux Foundation, & Chris Reagle, SAS

BIG DATA ROOM 301B

10:45AM-11:30AM Wait what? Postgresql can do that?
Steve Pousty, Crunchy Data Solutions, Inc.

11:45AM-12:30PM Walking Around the Data Lake
Fatima Naqui, Fidelity Investments

2:15PM-3:00PM Beam me up: Voyaging into Big Data
Michele Titolo, Square

3:15PM-3:35PM Deploying Enterprise Open Source Software in the Cloud
Daniel Ryan, ProcessMaker

4:15PM-5:00PM Knative: Cuckoo for Kubernetes
Burr Sutter, Red Hat

CLOUD ROOM 302A

10:45AM-11:30AM Weave Your Microservices with Istio
Lin Sun, IBM

11:45AM-12:30PM Overcoming KubeSprawl for Fun and Profit
Matt Jarvis, Mesosphere

2:15PM-3:00PM Developing intelligent robots with AWS RoboMaker
Alejandra Novack, AWS

3:15PM-4:00PM Deploying Enterprise Open Source Software in the Cloud
Daniel Ryan, ProcessMaker

4:15PM-5:00PM Opensync: Open Source for Cloud to Device Enabled Services
Bill McFarland, Plume

4:15PM-5:00PM Hardware Hacking 101: Rogue Keyboards and Spy Cables
Federico Lucifredi, Red Hat

HARDWARE / IOT ROOM 302B

10:45AM-11:30AM Raspberry Pi is a Gateway Drug for GPUs
Ray Hightower, 8th Light

11:45AM-12:30PM Building your own open-source voice assistant
Wes Widner, CrowdStrike

2:15PM-3:00PM The Ethics Behind Your IoT
Molly de Blanc, GNOME Foundation

3:15PM-3:55PM Building a Digital Twin with Sensor Data
David Simmons, InfluxData

4:15PM-5:00PM Securing Severless by Breaking In
Hayley Denbraver, Snyk

4:15PM-5:00PM Hardware Hacking 101: Rogue Keyboards and Spy Cables
Federico Lucifredi, Red Hat

SECURITY ROOM 302C

10:45AM-11:30AM Securing Applications and Pipelines on a Container Platform
Back to talks Veer Muchandi, Red Hat

11:45AM-12:05PM An Introduction to PASETO Tokens
Randall Degges, Okta

12:10PM-12:30PM Don't Ignore those GitHub Security Alerts. Automate them into your workflow.
Rosalie Bartlett, Verizon Media

12:10PM-12:30PM Using eBPF for Linux Performance Analyses
Peter Zaitsev, Percona

12:10PM-12:30PM Building an Application Market for Linux
Sriram Ramkrishna, Optum

12:10PM-12:30PM Insecurities and Vulnerabilities: How to Keep the National Vulnerability Database Current
Rob Tompkins, Apache Software Foundation

12:10PM-12:30PM Practical ZFS
Jim Salter, Ars Technica

12:10PM-12:30PM Architecting a Blockchain Solution for Hyperledger Fabric
Bobbie Cochran, IBM

12:10PM-12:30PM Getting Started with Flatpak
Klaatu Einzelganger, Slackermedia

12:10PM-12:30PM Hyperledger Ursula - Crypto Library for All
David Huseby, Linux Foundation - Hyperledger

LINUX / INFRASTRUCTURE ROOM 303

10:45AM-11:30AM Terminal Velocity: Work faster in your shell
Christopher Waldon, IBM

11:45AM-12:05PM Building Diverse Blockchain Communities for a Decentralized Future
Jocelyn Matthews, Storj Labs

12:10PM-12:30PM Lies, Damned Lies, and Blockchains
John Femminella, Pivotal

12:10PM-12:30PM Enterprise Blockchain Driven by Open Source
Jerry Cuomo IBM

12:10PM-12:30PM Advanced Blockchain Technologies on Privacy and Scalability
Jim Zhang, Kaledio

12:10PM-12:30PM Practical ZFS
Jim Salter, Ars Technica

12:10PM-12:30PM Architecting a Blockchain Solution for Hyperledger Fabric
Bobbie Cochran, IBM

12:10PM-12:30PM Hyperledger Ursula - Crypto Library for All
David Huseby, Linux Foundation - Hyperledger

BLOCKCHAIN ROOM 304

10:45AM-11:30AM SEE FEATURED SESSIONS
Main Stage / Ballroom B

11:45AM-12:05PM Building Diverse Blockchain Communities for a Decentralized Future
Jocelyn Matthews, Storj Labs

12:10PM-12:30PM Lies, Damned Lies, and Blockchains
John Femminella, Pivotal

12:10PM-12:30PM Enterprise Blockchain Driven by Open Source
Jerry Cuomo IBM

12:10PM-12:30PM Advanced Blockchain Technologies on Privacy and Scalability
Jim Zhang, Kaledio

12:10PM-12:30PM Practical ZFS
Jim Salter, Ars Technica

12:10PM-12:30PM Architecting a Blockchain Solution for Hyperledger Fabric
Bobbie Cochran, IBM

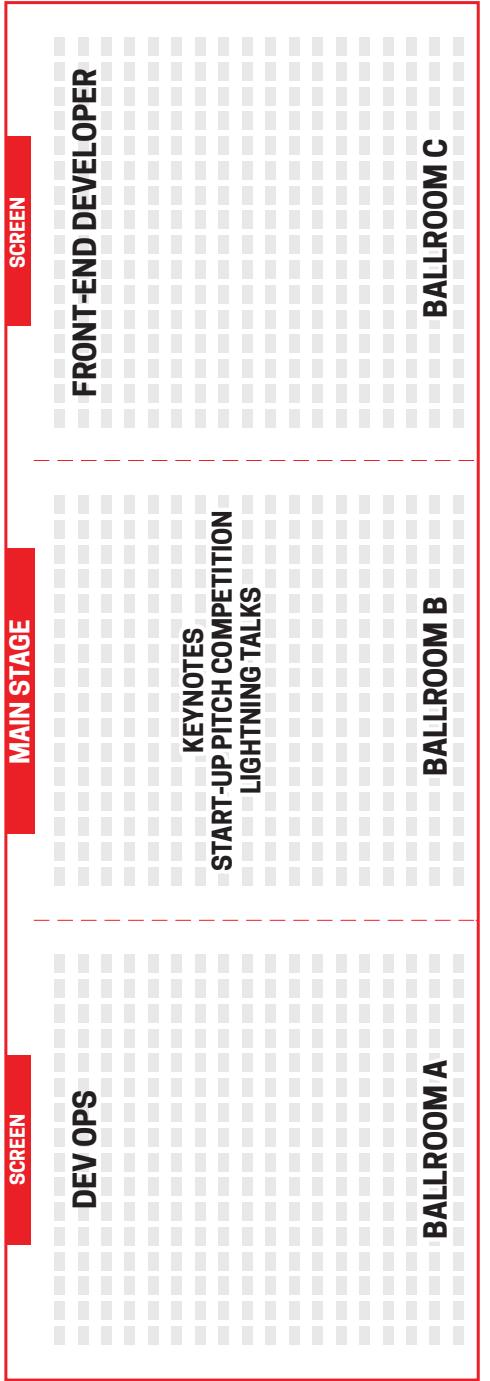
12:10PM-12:30PM Hyperledger Ursula - Crypto Library for All
David Huseby, Linux Foundation - Hyperledger

101 ROOM 305A

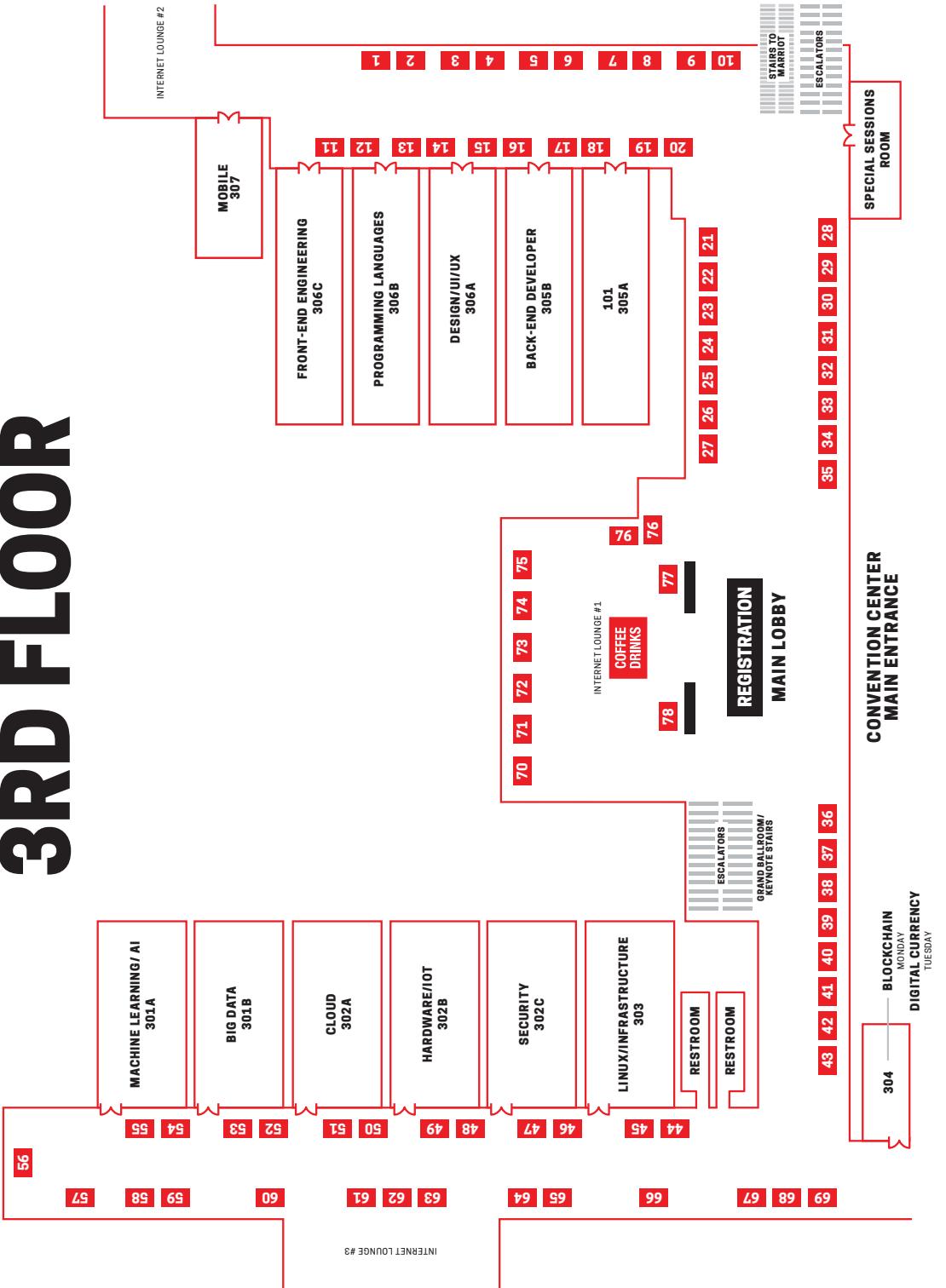
10:45AM-11:30AM How to Navigate the New World of Open Source Licensing
Diana Hsieh, Timescale

11:45AM-12:05PM Web Accessibility with

4TH FLOOR



3RD FLOOR



10 Security	55	Elasticsearch	14	MongoDB	71	SAS	42 & 43
Aiven	51	Fidelity	40 & 41	NC Open Pass	79	Sauce Labs	47
Altinity	12	Finos	82	industrial.	69	Sonatype	25 & 26
Amazon	36 & 37	Flexion	104	Oasis	95	Stack Overflow	77 & 78
Apress	107	FOSSA	11	Open Jam	70	Storj	108
Armory	111	Free BSD Foundation	91	Open Org, The	10	Sysdig	44
Automatic	38 & 39	Free Software Foundation	92	Open Source Jobs	6	TeamWorks	80
Avalara	106	GitHub	19	Open Source Stories	21	Tech Design Strategies	90
Bandwidth	94	GitLab	98	Open Teams	56	Terazo	7
Brandeis	105	GNOME Foundation	109	OpenSource.com	27	Think Penguin	101
Capital One	24	Hire Networks	113	OpSourced	102	This Dot Labs	84
Changelog	72	IBM	29 & 30	OPTUM	23	Timescale	63
ChickTech	62	IBM Robotics	28	Oracle	64	Twilio	16
Codacy	13	IEEE	112	Orchid Labs	15	Umpyre	110
CODE Mag	99	InfluxData	68	OSI	83	Vaco	60
Cohesity	73	JumpMind, Inc.	54	Pedestal Technology	1	Vendita	87
commercetools	81	K4Connect	85	Pivotal	46	Virtual Source	2
Couchbase	66	Kaleido	93	PogoLinux	5	VM Ware	67
CrossComm, Inc.	18	Lambda School	58	PostgreSQL	97	Wake Tech Community College	100
CrowdStrike	3	LexisNexis Risk	4	Pragmatic Bookshelf	75	Walt Disney Company	74
Cryptomove	50	LightStep	86	ProcessMaker	88	WhiteSource Software	65
DataChemist	45	Linode	48	Rancher Labs	49	Women Who Code	89
Datadog Inc.	57	MatterMost	76	Ravetree	96	WP Engine	32 & 33
Docker	103	McKinsey & Company	17	Red Hat	22	WSO2	34 & 35
	9	Microsoft	20	Salesforce	31	YottaDB	59