

This week, we continue to shape the future of public safety communications technology. Let's begin.

The collage features several presentation slides:

- 85+**: A slide with the number "85+" and the text "NIST is contributing to projects".
- We have invested.**: A slide with the text "We have invested." and "with investments".
- BACK IN 2013...**: A slide with the text "BACK IN 2013..." and "Public Safety Communications Research (PSCR) Program".
- PSCR PROGRAM OVERVIEW**: A large central slide with the title "PSCR PROGRAM OVERVIEW" and "DERECK ORR".
- DERECK ORR**: A slide with the name "DERECK ORR".
- THIS IS PSCR**: A slide with the text "THIS IS PSCR" and "Public Safety Communications Research (PSCR) Program".
- Building for the Future**: A slide with the text "Building for the Future" and "Public Safety Communications Research (PSCR) Program".

Welcome to the 2019 Public Safety Broadband Stakeholder Meeting

Dereck Orr
Division Chief

NIST



This week, we continue to shape the future of public safety communications technology. Let's begin.

85+
NIST staff contributing to projects.

BACK IN 2013...
How relevant are these findings today in 2019?

This is PSCR
A network of partner institutions including GW, UCI, NYU, SRS, UCLA, and many others.

We have invested.
These are the challenges currently being tackled.

International Partnerships
AUSTRIA AND NEW ZEALAND
Boston PD, Boulder PD, Avondale Sheriff, West Valley PD

TECHNICALITY

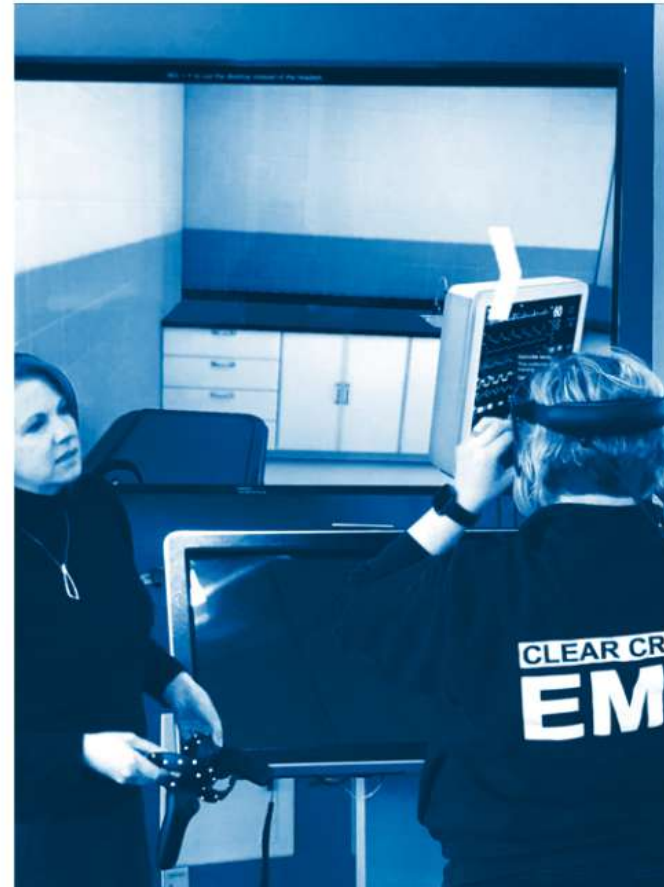
Listen for the chimes
A diagram showing a timeline of demo breaks and product releases.

Want your feedback?
- Download the mobile App
- Share the agenda
- Rate the sessions

PSCR PROGRAM OVERVIEW

DERECK ORR

**This meeting is
driven by you.**



BACK IN 2013...

1
ROADMAP
WORKING
GROUP



2
ROADMAP
PUBLICATION



3
ROADMAP
SUMMIT



4
SUMMIT
REPORT



*How relevant are
these findings today
in 2019?*

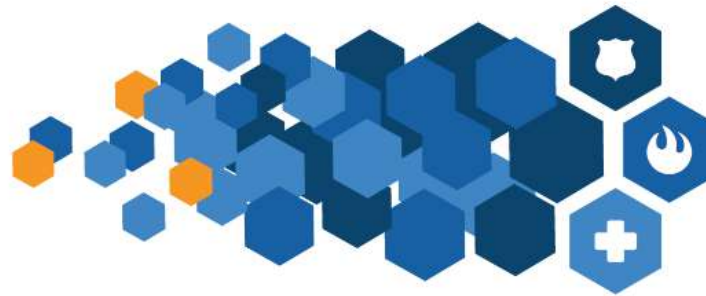




**ENHANCED
USER INTERFACE
USER EXPERIENCE**



**PSCR
SECURITY**



**PSCR
ANALYTICS**



**RESILIENT
SYSTEMS**

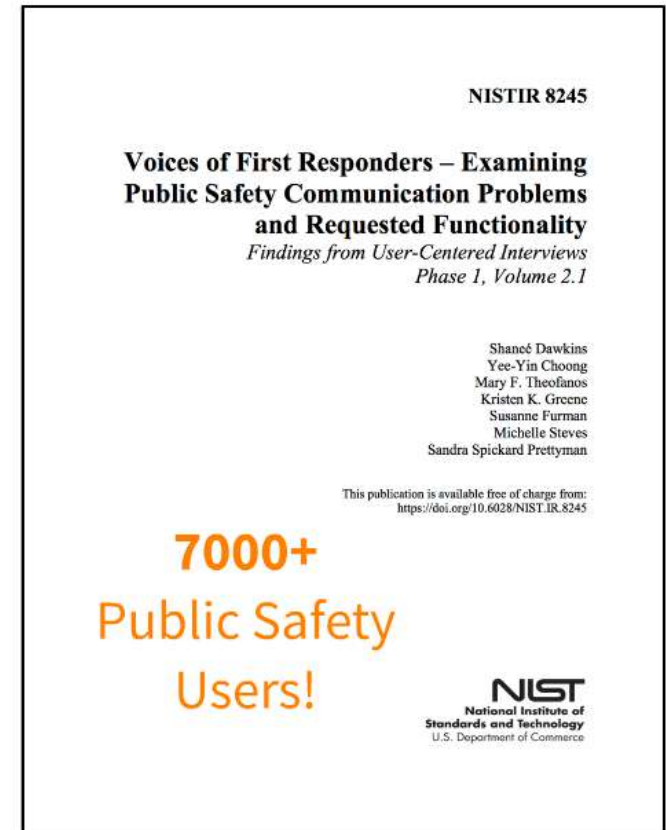


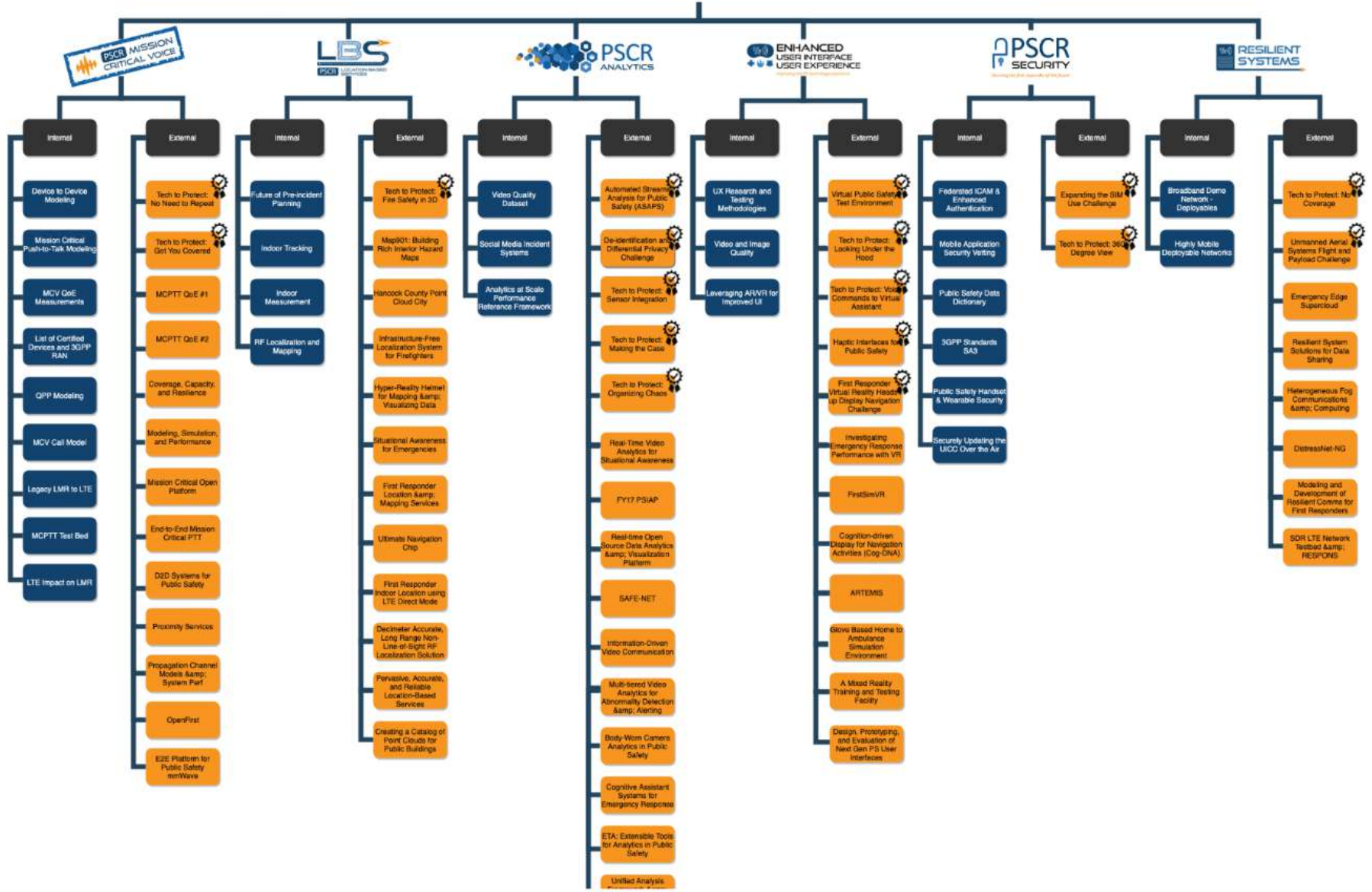
PSCR LOCATION-BASED
SERVICES

THIS YEAR in 2019



The PSCR Portfolios are **still the top** focuses areas for public safety communications.





What does success look like for PSCR?

PSCR 2022 Success Framework [March 2018]



PSCR primarily focuses on developing, expanding, or influencing these 5 areas



Public Safety Communications Research Progress Report

FY2017 - FY2019

March, 2020

Work performed in support of the:
Public Safety Communications Research Program

This report includes an evaluation of all PSCR Innovation Accelerator Program projects to date against metrics defined in the PSCR Success Framework.

COMING SOON

85+

NLST staff contributing to  **PUBLIC SAFETY COMMUNICATIONS RESEARCH** projects.

This is **PSCR**



We have **trained.**





We have **invested.**

Three prize challenges currently running!

EXPANDING THE SIM CARD USE FOR PUBLIC SAFETY CHALLENGE

\$100,000 offered in prize awards!

WWW.PUBLICSAFETYSIMCARD.COM

Submit a winning solution
REGISTER NOW

TECH TO PROTECT CHALLENGE

CONTEST OPEN

CHALLENGE PRIZE AWARDS UP TO \$425,000

- HAPTIC COMPANIES
- UI/UX DEVELOPERS
- VR SPECIALISTS

PUBLICSAFETYHAPTICS.COM



And we plan to invest more.

PSCR awarded contracts to five small businesses to:

- Assist with the growing open innovation portfolio
- Provide implementation services that will help launch new OI programs
- Communicate with returning and new potential participants to ***increase even further the number of people dedicated to the mission***



We have **forged new partnerships.**



*Boston PD
Boulder PD
Aurora SWAT
West Metro Fire*



Boston PD
Boulder PD
Aurora SWAT
West Metro Fire

International Partnerships

AUSTRALIA and NEW ZEALAND



staff contributing to  PUBLIC SAFETY COMMUNICATIONS RESEARCH projects.

This is PSCR



PSIAP - 2017 Awards: All current award recipients, prize participants and partners to date. Prize Challenge Participants

 Listen for the chimes

What else is new for 2019

- Smaller venue
- Plenary each day





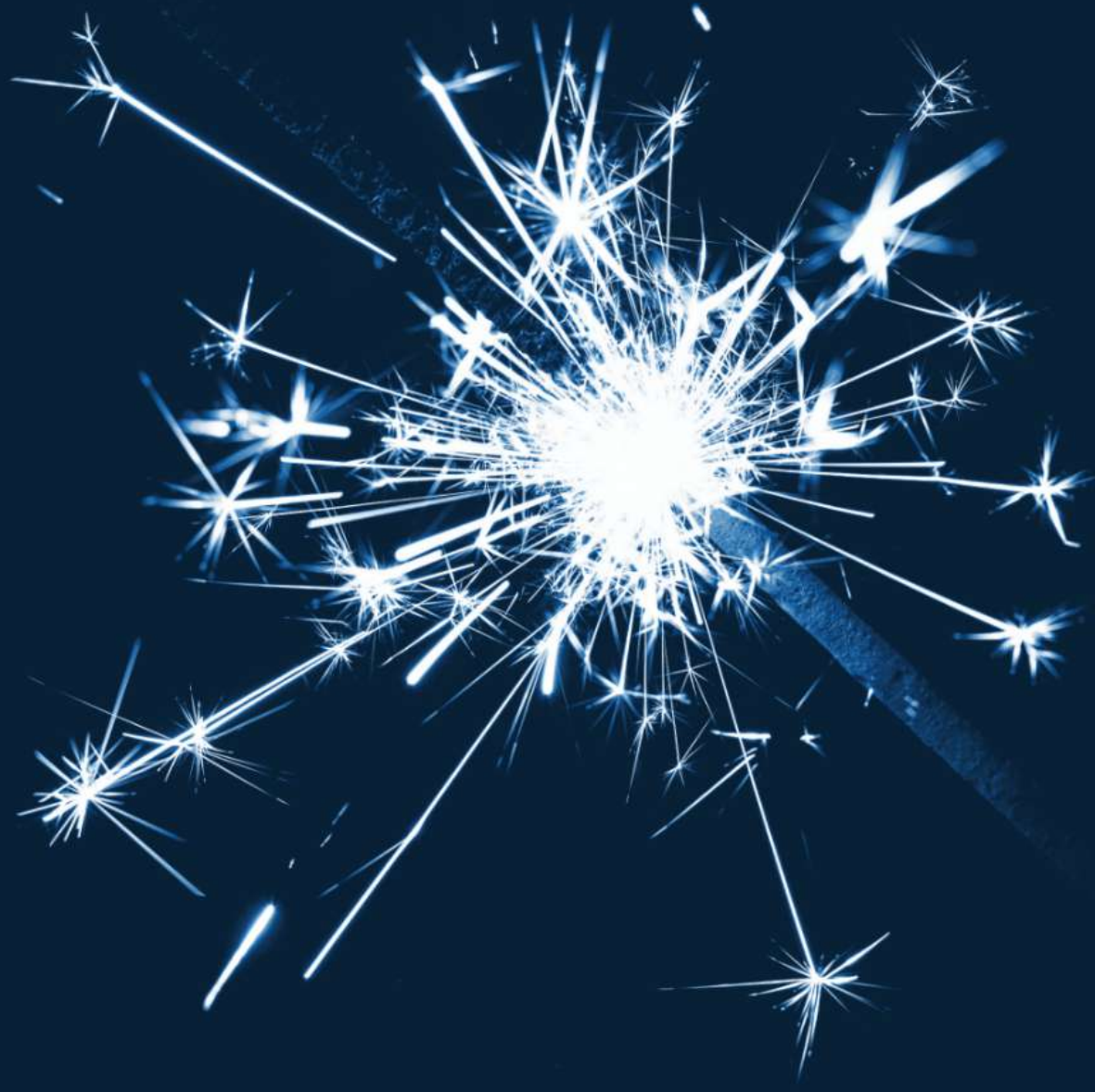
Over 195 partners throughout 11 countries and 100 cities across the globe join PSCR in their research efforts.

and this meeting is growing too!



There are nearly **200 new stakeholders** with us here today that weren't at this meeting last year.







Public Safety Broadband Stakeholder Meeting Mobile App

-  **Personalized Meeting Schedule**
-  **Demo & Experiment Descriptions**





**DEMONSTRATIONS
EACH DAY**

TECHNICALITY



**OPEN INNOVATION
SESSION**

What else is new for 2019

#PSCR2019

- Smaller venue
- Plenary each day



Ed Horowitz










Paul Steinberg

Keynote Speakers - Days 2 and 3



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-  **Speaker Information**
-  **Attendee Messaging**
-  **Social Media Integration**



PSCR is going Paperless! Download the app for the agenda!

1

From your app store, download the **Crowd Compass AttendeeHub** App

2

Type the meeting name into the search bar:
2019 Public Safety Broadband Stakeholder Meeting

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Enter your name & email to create a Crowd Compass Account

Download Link (directs to app store)
<https://crowd.cc/s/2P1E0>



Scan to download

#PSCR2019



www.nist.gov/ctl/pscr

Website Access:
<https://crowd.cc/pscr2019>

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Personalized Meeting Schedule



**Demo & Experiment
Descriptions**



Event Announcements



Session Handouts



Speaker Information



Attendee Messaging



Social Media Integration

PSCR is go
the

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#PSCR2019



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Badge Designations

- Staff = blue "Staff" ribbon
- Prize Participants and Award Recipients = **orange** "Awardee" ribbon
- Press = **green** "Press" ribbon
- QR Code for networking

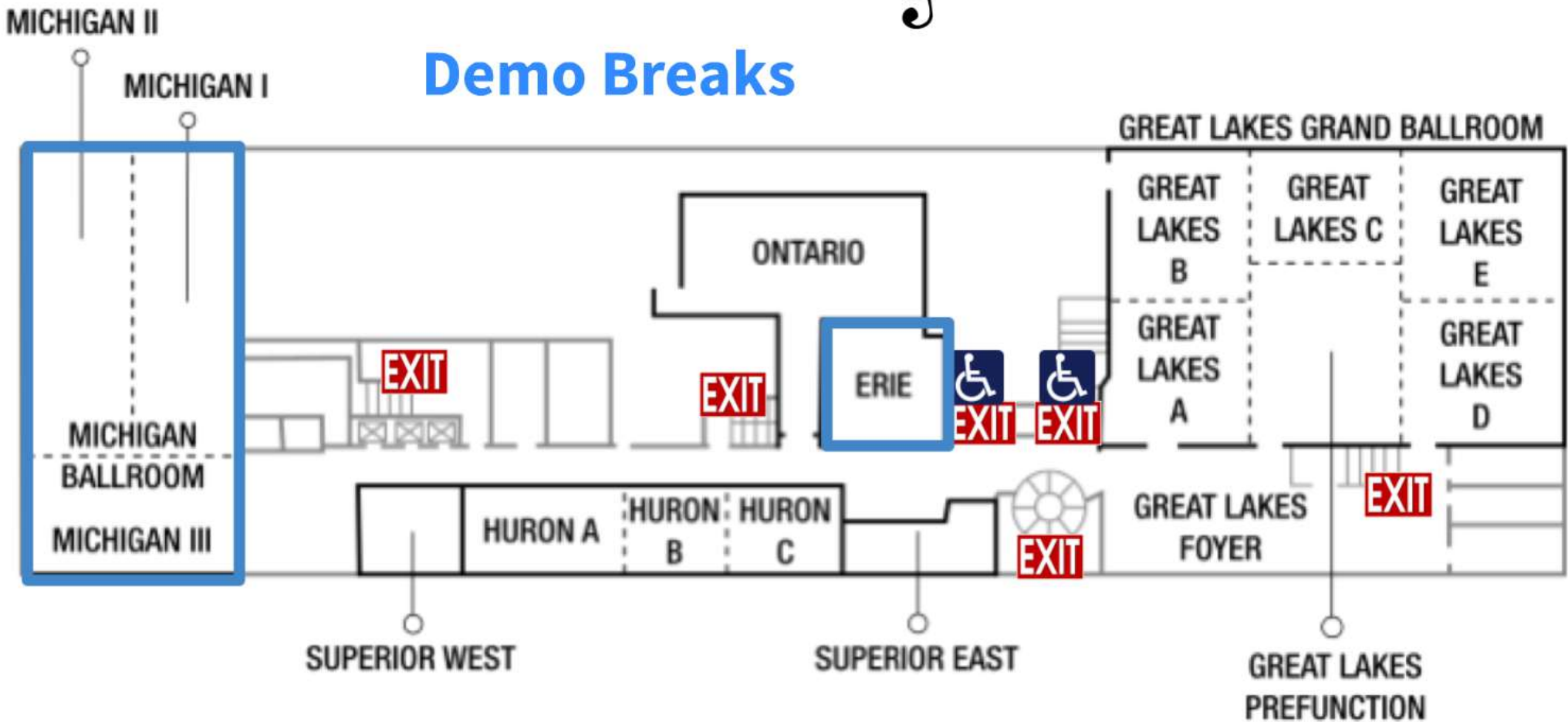
There will not be any catered services.

But we are surrounded by venues.



🎵 Listen for the chimes

Demo Breaks



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West Metro PD

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A diagram showing a timeline of events from 2017 to 2019, with various milestones and dates marked.

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PSCR PROGRAM OVERVIEW

DERECK ORR