



# PSCR 2021

## THE DIGITAL EXPERIENCE

#PSCR2021 • PSCR.GOV

NIST





# INNOVATING ALONG SIDE PUBLIC SAFETY

Division Chief Scott Barthelmass  
Eureka Fire Protection District

Adam Caplan XR Tech Evangelist

Sarah Hughes NIST PSCR

**NIST**

#PSCR2021



# DISCLAIMER

Certain commercial entities, equipment, or materials may be identified in this document in order to describe an experimental procedure or concept adequately.

Such identification is not intended to imply recommendation or endorsement by the National Institute of Standards and Technology, nor is it intended to imply that the entities, materials, or equipment are necessarily the best available for the purpose.

**\* Please note, unless mentioned in reference to a NIST Publication, all information and data presented is preliminary/in-progress and subject to change**

# PANELISTS



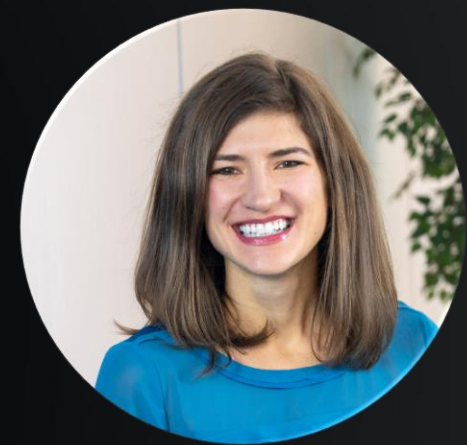
## DIVISION CHIEF SCOTT BARTHELMASS

Scott Barthelmass serves as Division Chief for the Eureka Fire Protection District in suburban St. Louis, Missouri.



## ADAM CAPLAN

Adam Caplan is an immersive technology evangelist. He has been involved in bringing new and exciting XR technologies to some of the largest brands and companies around the globe.



## SARAH HUGHES

Sarah Hughes is the NIST PSCR Prize Challenge Manager for the CHARIoT Challenge.

# DISCUSSION TOPICS

Tell us about your experience meeting and collaborating with each other as part of the CHARIoT Challenge.



## DISCUSSION TOPICS



**Adam:**

Tell us about your approach to collaboration with Division Chief Scott Barthelmass and other public safety members?

## DISCUSSION TOPICS

Adam:

Any key moments based  
on observation or feedback  
which led you  
to pivot your design?



## DISCUSSION TOPICS



**Division Chief Scott:**

What main feedback did you give BadVR about designing interfaces for the CHARIoT Challenge?

What do you hope other innovators understand when designing communication technology for public safety?

## DISCUSSION TOPICS

What suggestions do you have for innovators who want to work with/innovate alongside public safety?



## DISCUSSION TOPICS



What do you hope  
to take from your experience  
with the CHARIoT Challenge?

# RESEARCH + INNOVATE WITH US

Several of PSCR's programs could benefit from public safety's feedback and participation – from our open innovation prize challenges, conversations with our virtual accelerator businesses, and so much more. Connect with us to learn how you can shape YOUR future communication technology.



[psprizes@nist.gov](mailto:psprizes@nist.gov)



[pscr.gov](http://pscr.gov)



# THANK YOU

#PSCR2021 • PSCR.GOV