

URBANISM NEXT

2019 NATIONAL CONFERENCE

MAY 7-9 | PORTLAND, OR

#URBNEXT2019
@URBANISMNEXT
URBANISMNEXT.COM



SCI
Sustainable Cities Institute
University of Oregon

O | UNIVERSITY OF
OREGON

#JOYFULCITIES are

Fill in the blank and upload a selfie to Twitter to share your vision of sustainable, just and #joyfulcities with @NUMOalliance.

NUMO is a global alliance working to change the conversation around urban mobility. Learn how at numo.global



New Urban
Mobility
alliance

WELCOME!

CITIES THAT THINK AHEAD, STAY AHEAD

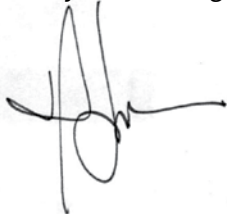
Welcome to the 2019 National Urbanism Next Conference! This last year has seen dramatic advancements and serious setbacks in new mobility, autonomous vehicles, e-commerce, and the sharing economy. We have seen significant growth in new mobility services and devices, such as e-scooters, and in the range of companies offering these services. We have seen e-commerce continue to thrive, and we have seen cities raise their level of engagement with the private sector. We have also seen autonomous vehicles lose their unbridled luster and near-term inevitability. While the advancements should motivate us to better understand how to shape these innovations toward the public good, the setbacks should be seen as an opportunity to better prepare for the changes that are coming.

The inaugural Urbanism Next Conference in 2018 was largely focused on understanding what was coming at us and what the impacts of these emerging technologies might be. This year, we have shifted to focus on what we can do about it. Since last March, we have seen a large number of pilots take shape, new policies adopted, and countless examples of dialog and exploration. These are the topics that will be shared with you in the coming days by the people who are in thick of them, testing ideas and policies—often modifying on the fly—and defining and distilling promising practices.

We are proud to be, once again, partnering with the National and Oregon Chapters of the American Institute of Architects, the American Planning Association, and the American Society of Landscape Architects, as well as the Urban Land Institute Northwest. We would also like to thank our generous sponsors for their support.

The Urbanism Next Center and the University of Oregon are committed to helping communities understand the full complement of opportunities and challenges posed by emerging technologies, as well as how to harness these technologies to achieve desired outcomes.

Thank you for being part of this experience.



Nico Larco, AIA
Urbanism Next Center Director
Professor
Sustainable Cities Initiative Co-Director
University of Oregon



Becky Steckler, AICP
Urbanism Next Program Director
University of Oregon

	TUESDAY, MAY 7	WEDNESDAY, MAY 8	THURSDAY, MAY 9
8:00 AM	WORKSHOP REGISTRATION White Stag Building* 8:00 am - 3:30 pm	REGISTRATION Portland Ballroom 252/253/254 8:00 am - 3:30 pm	REGISTRATION 7:30 am - 4:00 pm PLENARY SPEAKER Portland Ballroom 252/253/254 8:00 am - 8:45 am
9:00 AM	FULL-DAY WORKSHOP White Stag Building* 142/144 9:00 am - 4:00 pm	WELCOME AND OPENING PLENARY SPEAKERS Portland Ballroom 252/253/254 9:00 am - 11:45 am	BREAK SESSION 3: CONCURRENT PANELS Various Rooms in OCC 9:00 am - 10:30 am
10:00 AM	CONCURRENT HALF-DAY WORKSHOPS Various Rooms in White Stag Building* 9:00 am - 12:00 pm		BREAK
11:00 AM			SESSION 4: CONCURRENT PANELS Various Rooms in OCC 10:45 am - 12:15 pm
12:00 PM		LUNCH 11:45 am Portland Ballroom 252/253/254	
1:00 PM		LUNCH SPEAKER Portland Ballroom 252/253/254 12:00 pm - 1:00 pm	LUNCH 12:15 pm Portland Ballroom 252/253/254
2:00 PM	FULL-DAY WORKSHOP (CON'T) White Stag Building* 142/144 9:00 am - 4:00 pm	SESSION 1: CONCURRENT PANELS Various Rooms in OCC 1:15 pm - 2:45 pm	LUNCH PLENARY SPEAKERS Portland Ballroom 252/253/254 12:30 pm - 1:30 pm
3:00 PM	CONCURRENT HALF-DAY WORKSHOPS Various Rooms in White Stag Building* 1:30 pm - 4:30 pm	BREAK	SESSION 5: CONCURRENT PANELS Various Rooms in OCC 1:45 pm - 3:15 pm
4:00 PM		SESSION 2: CONCURRENT PANELS Various Rooms in OCC 3:00 pm - 4:30 pm	BREAK
5:00 PM		RECEPTION Portland Ballroom 252/253/254 4:30 pm - 6:30 pm	SESSION 6: CONCURRENT PANELS Various Rooms in OCC 3:30 pm - 5:00 pm
6:00 PM	LIGHTNING TALKS Urban Studio* 5:30 pm - 8:30 pm <i>Sponsored by DKS, PGE, and YPT Portland</i>		

All events are held at the Oregon Covention Center unless noted with *.

TUESDAY, MAY 7

8:00 AM - 3:30 PM | WORKSHOP REGISTRATION (WHITE STAG BUILDING, WSB*)

9:00 AM - 4:00PM | FULL-DAY WORKSHOP (WSB*, Room 142/144)

A. Urbanism Next for Elected Officials and Government Leaders: How New Mobility, Autonomous Vehicles, E-Commerce, and the Sharing Economy Impact Cities (Room 142/144)

9:00 AM -12:00 PM | CONCURRENT HALF-DAY WORKSHOPS (WSB*)

B. Autonomous Urbanism: Impacts and Opportunities of Emerging Mobility Technologies (White Box)

D. Beyond Streets to Intersections & Districts: Hacking the Design of the Multi-Modal Street in the Autonomous Future (Wayne Morse Suite)

C. Physical and Virtual Aspects of the Mobility Hub: Landing Them Here and Now in a Shifting Landscape (Room 152)

E. Lane Gain: Designing, Marketing, and Delivering Increased Throughput Through Transit-only Lanes (Room 150)

1:30 PM -4:30 PM | CONCURRENT HALF-DAY WORKSHOPS (WSB*)

F. Adapting Our Neighborhoods, Streets and Homes To E-Commerce: A Study Workshop (Room 150)

H. Micromobility and Transit Service Delivery Opportunities in the Underserved Edges (Wayne Morse Suite)

G. Land Valuation Impacts of AVs (Room 152)

5:30 PM -8:30PM | LIGHTING TALKS (Urban Studio*)

Sponsored by DKS Associates, PGE, and YPT Portland

WEDNESDAY, MAY 8

8:00 AM - 3:30 PM | REGISTRATION (PORTLAND BALLROOM 252/253/254, OCC)

9:00 AM - 11:45 PM | OPENING SPEAKERS (PORTLAND BALLROOM 252/253/254, OCC)

- ▶ **Welcome** | Jane Gordon, Nico Larco, AIA, and Becky Steckler, AICP, University of Oregon
- ▶ **E-Commerce, Last Mile Delivery, and the Impact on Cities:** | Sucharita Kodali, Forrester Research
- ▶ **Public/Private Partnerships Producing Positive Payoffs** | Plenary Panel
- ▶ **Break**
- ▶ **New Mobility And Public Transit: Keys to the Kind of Cities We Want** | Bruce Schaller, Schaller Consulting
- ▶ **See the Forest for the Trees** | Martha Schwartz, FASLA, Martha Schwartz Partners

11:45 AM - 1:00 PM | LUNCH (PORTLAND BALLROOM 252/253/254, OCC)

12:00 PM - 1:00 PM | LUNCH SPEAKER (PORTLAND BALLROOM 252/253/254, OCC)

- ▶ **Future Proof: Translating Climate, Economy, & Health Outcomes Into Tangible Change On City Streets** | Gabe Klein and Story Bellows, Cityfi

All events are held at the Oregon Covention Center unless noted with *.

WEDNESDAY, MAY 8 [CONTINUED]**1:15 PM - 2:45 PM | SESSION # 1 CONCURRENT PANELS (VARIOUS ROOMS, OCC)**

1. A Collaborative Strategy For Frictionless Regional Mobility (D135)	4. What Digital And Policy Infrastructure Do Cities Need To Shape The Impact Of New Transportation Technology? (D138)
2. Smart Cities For The Rest of Us: The Implications Of New Transportation Technologies For Those Left Out Of The Urban Revolution (D137)	5. Bringing The Curb Back: How Cities Are Innovating In 20 Feet (D136)
3. Harnessing Shared Mobility Data To Help Cities Redesign Streets Of The Future (D134)	6. The Ama-Zoning Of America Continues: It's A Matter Of Time (D139/140)

2:45 PM - 3:00 PM | BREAK**3:00 PM - 4:30 PM | SESSION # 2 CONCURRENT PANELS (VARIOUS ROOMS, OCC)**

7. Big Ideas For The Heart of Seattle (D135)	10. How Technology Is Affecting Retail And Urban Real Estate Development (D136)
8. Valuing And Managing The Public Right Of Way (D137)	11. TOD To Regenerative City (D138)
9. Micromobility: What Is It, And How Can The Public And Private Sectors Work Together To Achieve Environmental, Equity, And Other Policy Goals? (D134)	12. The Augmented City (D139/140)

4:30 PM - 6:30 PM | RECEPTION (PORTLAND BALLROOM 252/253/254, OCC)**THURSDAY, MAY 9****7:30 AM - 4:00 PM | REGISTRATION (PORTLAND BALLROOM 252/253/254, OCC)****8:00 AM - 8:45 PM | OPENING SPEAKERS (PORTLAND BALLROOM 252/253/254, OCC)**

- ▶ **Welcome** | Becky Steckler, AICP, and Nico Larco, AIA, University of Oregon
- ▶ **Why Racial Equity Matters in Mobility** | Hana Creger, The Greenlining Institute

8:45 AM - 9:00 AM | BREAK**9:00 AM - 10:30 AM | SESSION # 3 CONCURRENT PANELS (VARIOUS ROOMS, OCC)**

13. Preparing For Emerging Technologies In The Pacific Northwest (D135)	16. Potential Impact Of Emergent Technologies On Freight Related Land Uses In Urban Areas (D136)
14. What About the Workers? Ridehailing, Microbility, And Our Fair City (D138)	17. Deployment Of Automated Vehicles In Metropolitan Areas: A European Perspective (D134)
15. "I'm All For Progress, It's Change I Don't Like": Pushing Past The Bias To Keep The Curb The Way It Is (D139/140)	18. Growing Relationships Between Public Transit And TNC Transportation (D137)

THURSDAY, MAY 9 [CONTINUED]

10:30 AM - 10:45 AM | BREAK

10:45 AM - 12:15 PM | SESSION # 4 CONCURRENT PANELS (VARIOUS ROOMS, OCC)

19. Senior Housing In The Age Of The Sharing Economy, Artificial Intelligence, And AVs (D136)

22. Ideation To Implementation: Putting Emerging Technologies To The Test In Columbus, Los Angeles, And Seattle (D134)

20. The Missing Middle: Understanding The Unique Challenges Of AV Adaptation For Mid-Size Metros (D138)

23. Data Is A Girl's (And City's) Best Friend (D139/140)

21. Cross Sector Approaches To Equity (D135)

24. Right Sizing Parking: New Approaches For Placemaking (D137)

12:15 PM - 1:30 PM | LUNCH

12:30 PM - 1:30 PM | LUNCH SPEAKER (PORTLAND BALLROOM 252/253/254, OCC)

- **From Owning To Renting: Why Mobility as a Service (MaaS) Is The Next Big Thing** | Plenary Panel

1:45 PM - 3:15 PM | SESSION # 5 CONCURRENT PANELS (VARIOUS ROOMS, OCC)

25. City and TNC Collaboration: A Case Study (D134)

28. What Will It Take To Ensure Equity In A Transit / AV Future? (D135)

26. Preemption, Privacy, And People: Laying The Legal And Policy Foundations To Support Long-Term Success Of Transportation Technologies (D138)

29. Thank You For Your Order: Navigating The Complex Urban Delivery Ecosystem (D136)

27. Zoning In The Era Of On-Demand Land Use (D137)

30. Piloting Dockless Devices In A Changing Mobility Landscape (D139/140)

3:15 PM - 3:30 PM | BREAK

3:30 PM - 5:00 PM | SESSION #6 CONCURRENT PANELS (VARIOUS ROOMS, OCC)

31. The Impact Of MaaS, Autonomous Driving, And Carsharing On The Urban Environment: A European Perspective (D136)

34. Mobility For The 90 Percent (D134)

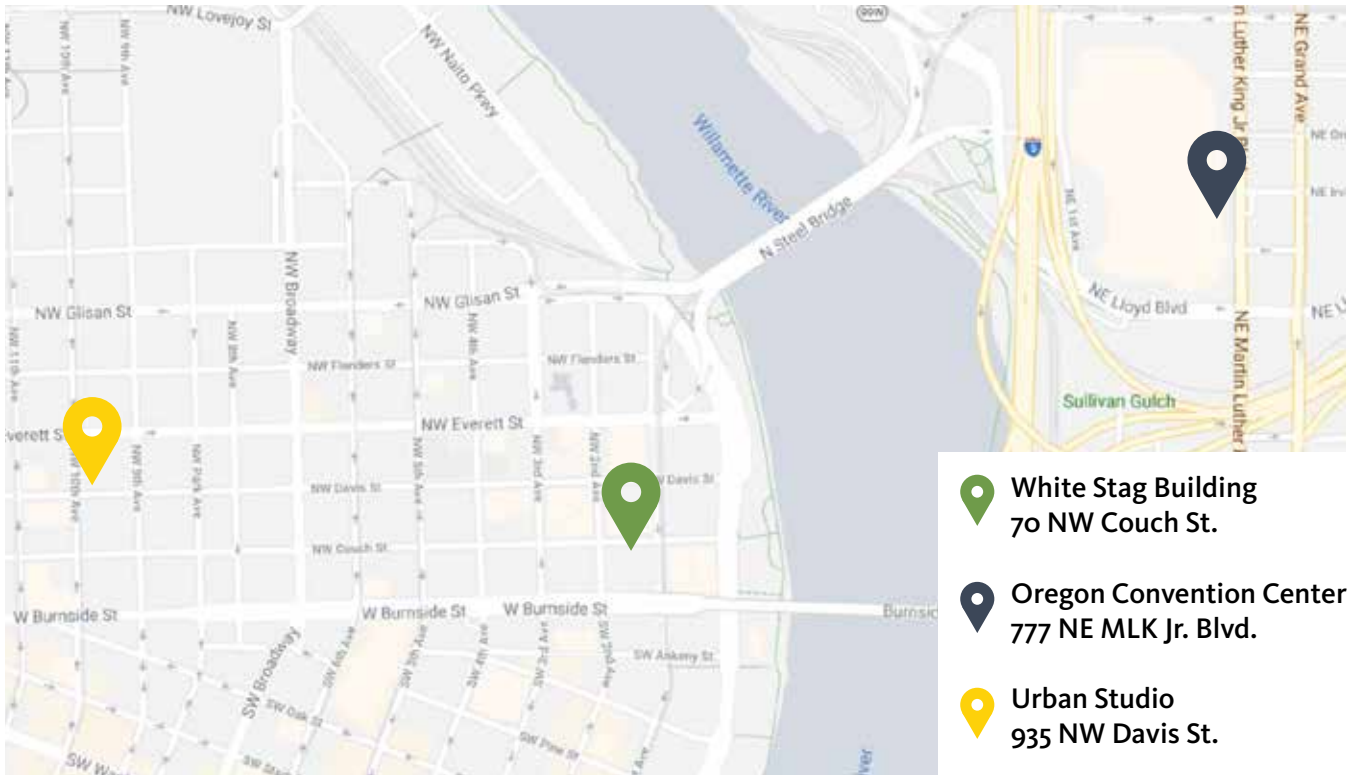
32. New Mobility And Municipal Budgets: Planning For The Future (D138)

35. Negotiating Transit: TNC Partnerships That Work (D139/140)

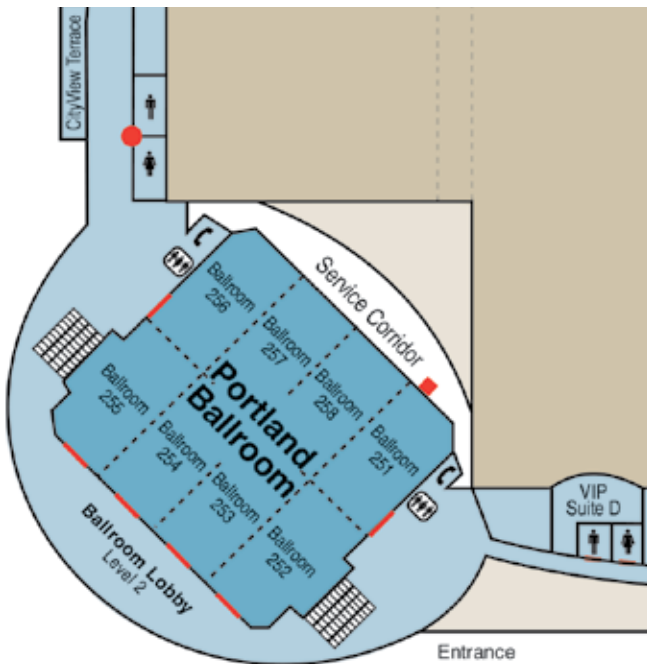
33. Urbanism Next Inspired Site Design: Case Studies Optimizing Smart Mobility (D137)

36. The Zone Of Exchange (D135)

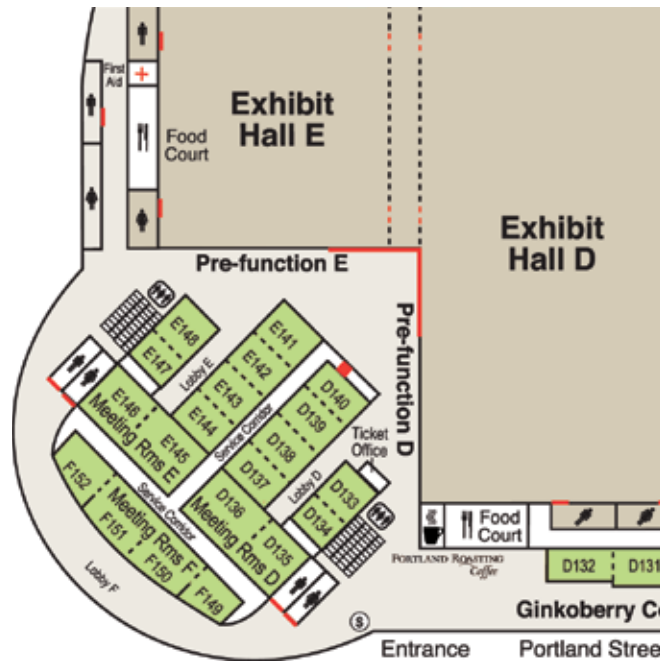
CONFERENCE LOCATIONS OVERVIEW



OREGON CONVENTION CENTER (OCC) MEETING ROOMS

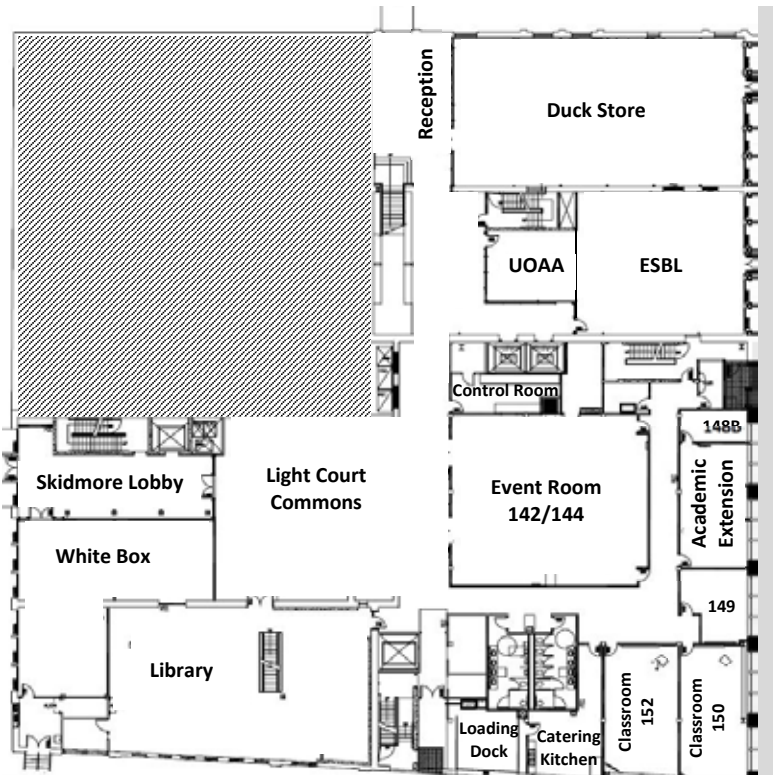


UPPER LEVEL



LOWER LEVEL

WHITE STAG BUILDING (WSB) WORKSHOP MEETING ROOMS



First Floor

Units

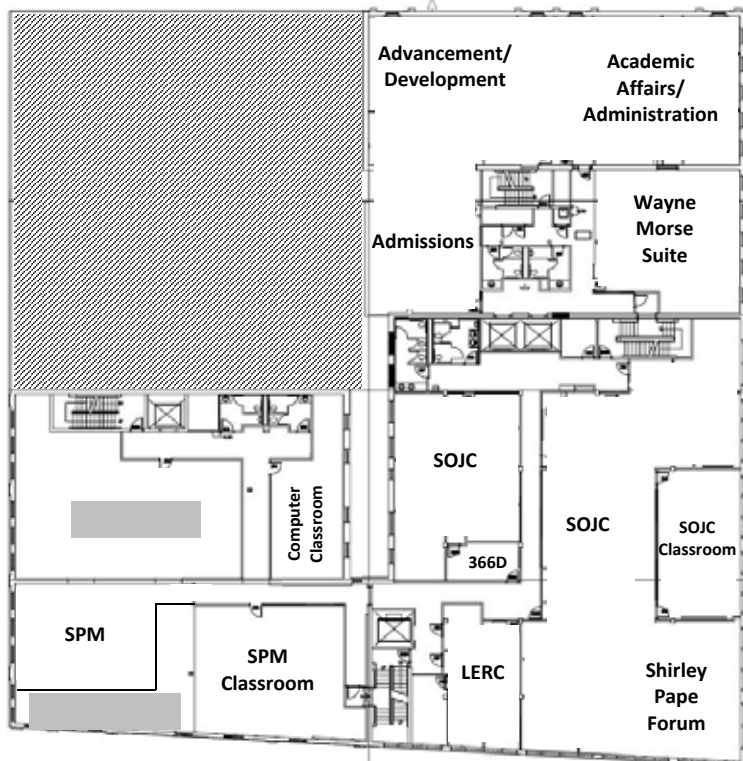
- Academic Extension
- Duck Store
- Energy Studies in Buildings Laboratory (ESBL)
- Library
- UO Alumni Association

Event/Class Spaces

- Classrooms 150 and 152
- Conference Rooms 148B and 149
- Event Room 142/144
- Light Court Commons
- Skidmore Lobby
- White Box

Other

- Catering Kitchen
- Control Room
- Loading Dock
- Reception



Third Floor

Units

- Academic Affairs/Administration
- Admissions
- Advancement/Development
- Labor Education and Research Center (LERC)
- School of Journalism and Communication (SOJC)
- Sports Product Management (SPM)

Event/Class Spaces

- Computer Classroom
- Conference Room 366D
- Shirley Pape Forum
- SOJC Classroom
- SPM Classroom
- Wayne Morse Suite



**Movement
ignites
opportunity**

Uber

WELCOME..... 1

SCHEDULE AT-A-GLANCE..... 2

GETTING AROUND 6

TABLE OF CONTENTS..... 9

URBANISM NEXT FRAMEWORK 10

SCHEDULE: TUESDAY, MAY 7 12

FULL DAY AND MORNING WORKSHOPS..... 12

AFTERNOON WORKSHOPS 14

LIGHTNING TALKS 15

WIFI ACCESS INFORMATION 16

AIA, APA, AND ASLA CONTINUING EDUCATION CREDIT INFORMATION..... 16

SCHEDULE: WEDNESDAY, MAY 8..... 17

PLENARY SPEAKERS AND PANELS 17

SESSION 1: CONCURRENT PANELS 20

SESSION 2: CONCURRENT PANELS 22

RECEPTION 23

SCHEDULE: THURSDAY, MAY 9..... 24

PLENARY SPEAKERS 24

SESSION 3: CONCURRENT PANELS 26

SESSION 4: CONCURRENT PANELS 28

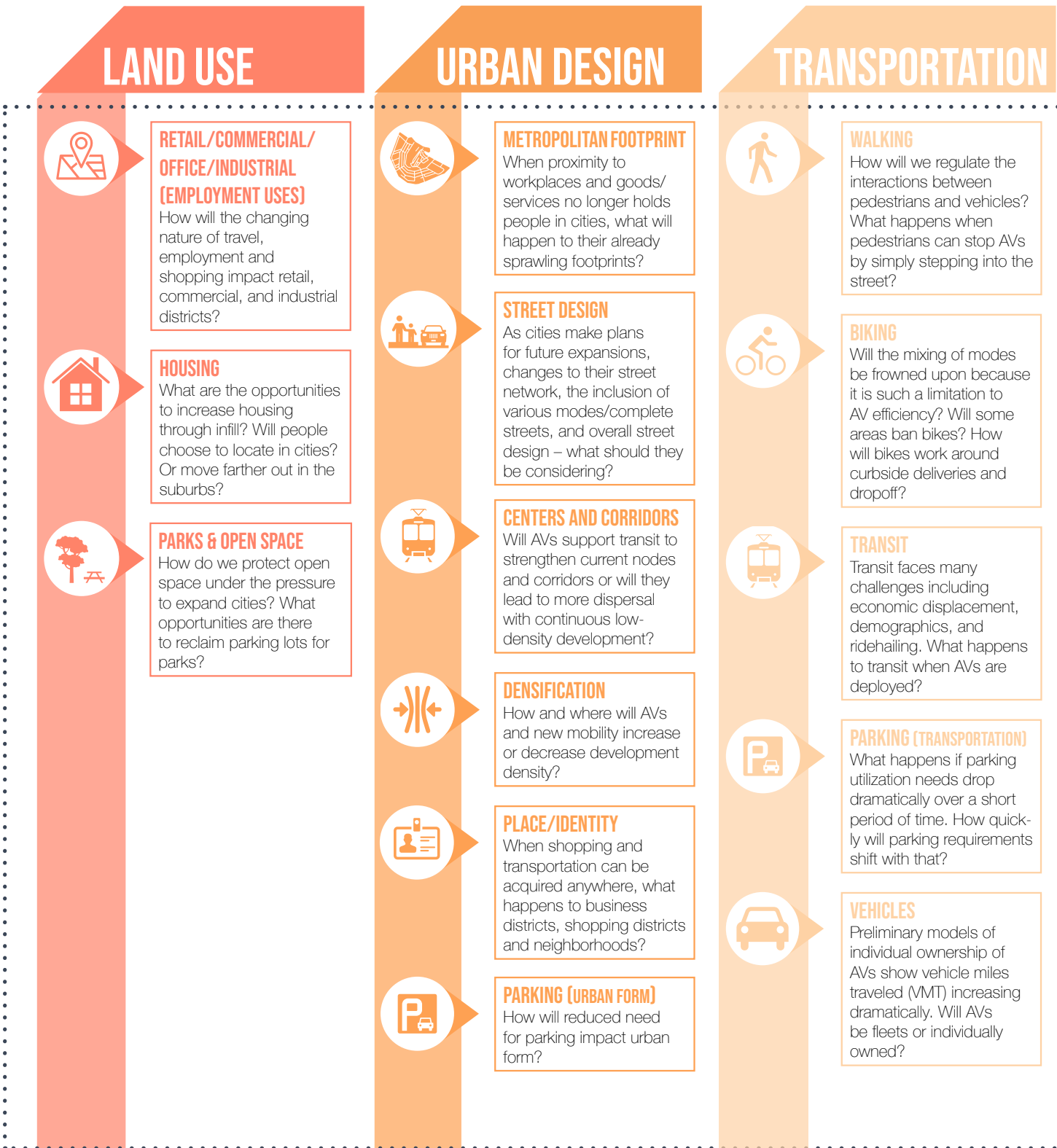
SESSION 5: CONCURRENT PANELS 30

SESSION 6: CONCURRENT PANELS 32

ACKNOWLEDGEMENTS..... 35

URBANISM NEXT | FRAMEWORK

One of the key challenges to addressing the multi-level impacts of emerging technologies—such as autonomous vehicles, e-commerce, and the sharing economy—on cities is understanding the range of areas affected and how these areas are related. The Urbanism Next Framework organizes impacts based on four key areas—land use, urban design, transportation, and real estate—and relates those to the implications they have on equity, health, the environment, the economy, and governance.



REAL ESTATE



LAND VALUE
A reduction in demand for parking will open up land for redevelopment. How will this impact land value and project feasibility?



PROJECT FEASIBILITY
Development will likely get more risky as market conditions related to parking demand and commercial and retail viability change. How do we reduce risk?



BUZZ/VITALITY
What will draw people to places in the future? How important will entertainment be a factor in to where people want to congregate? How do we create "buzz"?



QUALITY
If location in relation to other areas of the city is no longer a strong factor in housing/commercial building location, will quality of design become more relevant in attracting and keeping people in cities/neighborhoods?

MULTI-LEVEL IMPACTS

IMPLICATIONS FOR ...

EQUITY

How will the impacts of emerging technologies impact vulnerable and low income populations? What opportunities are there to improve services and reduce inequities?

HEALTH

Preliminary research finds that people are replacing walking, biking, and transit trips with ridehail services. If this trend continues and is exacerbated by AVs, what will the impact be on our health? What are the impacts of E-commerce on health?

ENVIRONMENT

How can we take advantage of emerging technologies to improve sustainability and environmental outcomes? Can we reduce greenhouse gas (GHG) emissions? Can we improve stormwater treatment?

ECONOMY

Up to 4 million people drive for a living. What happens to their jobs with the deployment of AVs? Brick-and-mortar stores are closing as shoppers go online. How will emerging technologies disrupt the economy?

GOVERNANCE

Emerging technologies will disrupt revenues for cities, counties, and states. How do we provide a great level of service and support thriving communities?

RESPONSE

WHAT SHOULD WE DO?

Given the possible range of multi-level impacts of emerging technologies on land use, urban design, transportation, and real estate, and the implications on equity, the economy, and the environment, how should governments, companies, and institutions respond to maximize the benefits and minimize the risks?
How do policies, programs, and infrastructure investments need to adapt and change?

WORKSHOPS | WHITE STAG BUILDING, VARIOUS ROOMS

A. URBANISM NEXT FOR ELECTED OFFICIALS AND GOVERNMENT LEADERS: HOW NEW MOBILITY, AUTONOMOUS VEHICLES, E-COMMERCE, AND THE SHARING ECONOMY IMPACT CITIES

9:00 AM - 4:00 PM | UO White Stag 142/144 | 6.5 CM / LU Pending

Generously sponsored by the Pew Charitable Trusts and PGE.

The way people get around their communities, shop for clothes, and order take-out is radically different from how people did those things a decade ago. Rapid technological advances in the areas of automation, new mobility, e-commerce, and the sharing economy are behind these behavioral shifts. This all-day workshop is designed to help decision makers understand how these emerging technologies impact land use, transportation, urban design, and real estate. Government leaders need to understand the challenges and opportunities that these technologies could bring so they can harness them to achieve

community goals around equity, health, the economy, and the environment. This workshop will help decision makers understand the issues surrounding emerging technologies, the questions they need to ask, the stakeholders they need to engage, and the steps they need to take to ensure that this technology helps them build the communities they want to live in.

NICO LARCO, AIA, Urbanism Next Center Director and Professor of Architecture, University of Oregon

LEAH TREAT, Managing Director, Nelson\Nygaard

JASON SUDY, National Lead, Transportation Technology Planning, HDR

RICK STEIN, AICP, Principal & Owner, Urban Decision Group and Urban Mobility Research Center

KELLY RULA, New Mobility, Climate, and Urban Freight, Seattle Department of Transportation

REBECCA LEWIS, PhD, Sustainable Cities Institute Research Director and Assistant Professor of Planning, University of Oregon

BENJAMIN CLARK, PhD, Associate Professor of Public Administration, University of Oregon

AARON MILANO, Manager, Transportation Electrification, PGE

B. AUTONOMOUS URBANISM: IMPACTS AND OPPORTUNITIES OF EMERGING MOBILITY TECHNOLOGIES

9:00 AM - 12:00 PM | UO White Stag White Box | 3 CM / LU Pending

Emerging mobility technologies, from autonomous vehicles and rapid transit to rideshare and dock-free devices, are changing the urban landscape. A group of design and planning leaders from ASLA's New Mobility and Emerging Technologies Subcommittee will host a workshop that looks beyond technological boosterism to the impacts and opportunities of these innovations for the built environment. The workshop will begin with a high-level overview of the potential risks and rewards of new mobility technologies. This introduction will be followed by a charrette in which breakout groups apply emerging mobility technologies to a range of prototypical settings. Sample locations from the Portland area include a suburban industrial area, a mixed use neighborhood, and a downtown corridor. Teams will examine the relationship between new technologies and existing



Ideas transform communities

Proud Sponsor of the 2019
Urbanism Next Conference
Portland 503.423.3700



hdrinc.com

WORKSHOPS | WHITE STAG BUILDING, VARIOUS ROOMS

transportation in these places, as well as their influence on land use and public space. Teams will imagine alternative futures that harness technology in support of more humane, sustainable, and equitable communities.

NATHANIEL CORMIER, ASLA, LEED AP, Landscape Studio Director, Rios Clementi Hale Studios

YADAN LUO, Landscape Designer, OLIN

JEB DORAN, ASLA, Senior Project Manager, TriMet

ALLYSHA LORBER, ASLA, AICP, Senior Associate, Johnson, Mirmiran & Thompson, Inc.

ABBY CHAZANOW, Transportation Planner Mobility Innovation, Sound Transit

JAMES McGRATH, Principal, Nelson\Nygaard

LAUREN SQUIRES, Associate, Nelson\Nygaard

TERRA CURTIS, Senior Associate, Emerging Mobility Co-Lead, Nelson\Nygaard, Nelson\Nygaard

GERRY TIERNEY, LEED AP BD+C, Associate Principal & Co-Director Mobility Lab, Perkins+Will

MICHAEL AUSTIN, AICP, LEED AP ND, Senior Urban Designer & Campus Planner & Associate, Perkins+Will

INGRID STROMBERG, LEED Green Associate, Urban Design Knowledge Manager & Associate, Perkins+Will

C. PHYSICAL AND VIRTUAL ASPECTS OF THE MOBILITY HUB: LANDING THEM HERE AND NOW IN A SHIFTING LANDSCAPE

9:00 AM - 12:00 PM | UO White Stag 152 | 3 CM / LU Pending

Mobility hubs are places where multimodal mobility services converge in a public space that is designed to facilitate convenient, safe, and accessible transfers between modes, transforming today's transit stations into dynamic hubs of community interaction and opportunities. More than just a place to make a transfer, mobility hubs will aggregate the multitudinous mobility modes and technologies into a single physical and digital environment. In this workshop, experts and participants will collaborate to design adaptable, flexible, and future-proofed facilities including the details of policy, design, and implementation alongside peers and agency partners. We will test mobility hub concepts at real sites with TriMet, Sound Transit, and King County Metro, exploring retrofit scenarios on legacy systems. Teams will lay out the physical space requirements for various mobility services, and learn about the digital and virtual tools with physical implications like geofencing communities. Hear from an expert panel on what is already in play, the role of pilot projects, and what's ahead for low speed mobility.

JEFF OWEN, Strategic Planning Coordinator, TriMet

BOB HASTINGS, Project Manager Real Estate Commercialization, TriMet

BRIAN BROOKE, Deputy Director of Innovation and Performance, Sound Transit

D. BEYOND STREETS TO INTERSECTIONS & DISTRICTS: HACKING THE DESIGN OF THE MULTI-MODAL STREET IN THE AUTONOMOUS FUTURE

9:00 AM - 12:00 PM | UO White Stag Wayne Morse Suite | 3 CM / LU Pending

How can streets be better designed to support emerging and disruptive transportation and logistics? Can these designs be extended to intersections, corridors, and districts that support livability and sustainability? During past years, academics and planners have worked to understand how automated vehicles can be integrated onto city streets, and to develop design and policy scenarios to propose aspirational streets of the future. This interactive workshop will begin with a presentation on the design and policy landscape followed by a dialogue between academics, practicing planners, and private sector innovators. Throughout the presentation, participants will be asked to answer questions via an interactive poll that will be used to highlight strengths and weaknesses of future visions as well as hopes and fears of participants. Following this, participants will work in groups to produce design and related policy concepts for intersections and districts. This will be done using a handful of interactive online tools and with the Urbanism Next Rethinking the Street vision as the primary street prototype. Upon extending this prototype, participant groups will list and develop potential designs, policies, financial strategies, and near-term actions that can be implemented to achieve these visions. The workshop will conclude with a group discussion led by panelists responding to the ideas and workshop participants reacting to both the

WORKSHOPS | WHITE STAG BUILDING, VARIOUS ROOMS

presented ideas and the panelists' responses.

JOAN KISTHARDT, Director, Marble Robot
REBECCA SANDERS, PhD, Assistant Professor, Arizona State University
BRUCE APPELYARD, PhD, AICP, Professor, San Diego State University
CALVIN THIGPEN, PhD, Policy Research Manager, Lime

E. LANE GAIN: DESIGNING, MARKETING, AND DELIVERING INCREASED THROUGHPUT THROUGH TRANSIT-ONLY LANES

9:00 AM - 12:00 PM | UO White Stag 150 | 3 CM / LU Pending

Many cities have established that shifting general purpose lanes to transit priority or transit dedicated lanes is crucial to moving people efficiently. However logical, the optics of removing a lane for automobiles is at best, a slow and technically challenging process and at worst, a toxic political no-go. This workshop will uncover common themes and creative ways to overcome serious challenges through a range of case studies including success stories and struggling projects. We will also explore how this dynamic will shift with autonomous-only lanes and debate the pros and cons of shared stops and lane space for public and private providers.

TOM BRENNAN, Principal, Nelson\Nygaard
JOE IACOBUCCI, DPC, Director of Transit, Sam Schwartz
LIZ BRISSON, Major Corridors Manager, San Francisco Municipal Transportation Agency

F. ADAPTING OUR NEIGHBORHOODS, STREETS, AND HOMES TO E-COMMERCE: A STUDY WORKSHOP

1:30 PM - 4:30 PM | UO White Stag 150 | 3 CM / LU Pending

With the continuing rise of online shopping, at the expense of brick and mortar stores, the US is experiencing the highest rate of mall and retail closures on record. People are still buying

merchandise, so how is it getting to our door step and what does our "door step" need to become to receive all of this merchandise? How are our curbs, lobbies, and porches coping with this? Are our streets to be forever blocked by double-parked delivery trucks? Are we going to need to share sidewalks with autonomous delivery sherpas? How will we accommodate a delivery drone air force? And what happens to our former retail hubs and the local and state sales taxes that they generate? This workshop will examine neighborhood delivery and pick up, repurposing of regional retail malls, and impacts on multi-unit housing lobbies and mailrooms as they adapt to this changing retail paradigm.

GERRY TIERNEY, AIA, LEED AP BD+C, Associate Principal & Co-Director Mobility Lab, Perkins+Will
JOE POIRIER, Associate, Nelson\Nygaard & Seattle Freight Advisory Council [Provisional]
MICHAEL AUSTIN, AICP, LEED AP ND, Senior Urban Designer & Campus Planner, Perkins+Will
MARTIN LEITNER, Senior Associate & Practice Leader, Perkins+Will

G. LAND VALUATION IMPACTS OF AVs

1:30 PM - 4:30 PM | UO White Stag 152 | 3 CM / LU Pending

Fast, fun, and collaborative—what will be the AV impacts on land valuation and site development potential? We've updated the 2018 workshop to be even more real-time and multi-regional. You bring the knowledge and assumptions about the value of land in an AV future and we'll test your scenarios in two metro areas currently guided by different land use and transportation policy approaches. The group process will include more targeted discussion and a greater number of modeled outcomes for comparison. The results will be analyzed in near real-time, so come see your ideas put into action!

IAN CARLTON, Project Director, ECONorthwest
JASON SUDY, National Lead, Transportation Technology Planning, HDR
RICK STEIN, AICP, Principal & Owner, Urban Decision Group and Urban Mobility Research Center
JUSTIN ROBBINS, AICP, Connected and Autonomous Vehicles Planner, HDR

WORKSHOPS | WHITE STAG BUILDING, VARIOUS ROOMS

H. MICROMOBILITY AND TRANSIT SERVICE DELIVERY OPPORTUNITIES IN THE UNDERSERVED EDGES

1:30 PM - 4:30 PM | UO White Stag, Wayne Morse Suite | 3 CM / LU Pending

For residents living in the lower-density edges of urban areas, the lack of frequent and reliable mobility creates a barrier to economic opportunity and freedom of choice. Lower income residents are locating at cities' edges where housing is more affordable, but transportation options are limited. Non-standard work and lifestyle schedules place more challenges on lower income residents whose travel needs do not match the orientation of fixed route transit for rush hour trips to downtown. This session will consider ways to meet the needs of these areas more effectively through emerging mobility services, innovative technologies, and new institutional arrangements. This session will appraise ways that agencies are providing disadvantaged users access to dockless vehicles, trip planning, payment platforms, and multimodal network integration. Panelists will explore the efficacy of these efforts, if they are in the right direction, and if there is more we could be doing to create more equitable outcomes.

KEN ZATARAIN, Senior Planning Manager, WSP

RACHEL ZACK, Policy Strategist, Remix

ERIC HESSE, Supervising Planner, Policy Innovation + Regional Collaboration, City of Portland Bureau of Transportation

JEAN CROWTHER, AICP, Senior Planning Associate, Alta Planning + Design

HAZEL SCHER, Senior Associate and Southern California Transit Sector Lead, Nelson\Nygaard

BIBIANA McHUGH, Mobility & Location-Based Services Manager, TriMet

KEVIN CHAMBERS, Founder and Principal, Full Path Technology

EVENING EVENT: LIGHTNING TALKS

5:30 PM | Urban Studio - 935 NW Davis Street

Presented in partnership with the Portland Chapter of Young Professionals in Transportation (YPT) and generously sponsored by DKS Associates and PGE.

Join us for this fun and fast-paced event! Each speaker will offer their take on how emerging technologies can be harnessed to achieve desired outcomes in just 6.5 minutes each. Appetizers provided, beverages available for purchase.

RAY ATKINSON, Clackamas Community College

CHRIS BONARRIGO, bKL Architecture

REGINA CLEWLOW, Populus

PAUL CURTIS, Vectos South Ltd

MAYA KROLIKOWSKI, Crandall Arambula

STEPHANIE LONSDALE, Portland Bureau of Transportation

MARTIN SCHMIDT, Graz Linien

RICK STEIN, Urban Decision Group

TIFFANY SWIFT, Walker Macy

DARBY WATSON, Parametrix

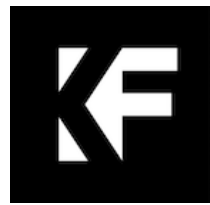


Portland's destination for Ducks and all things Oregon. Find coffee, gifts, gear and more.

Visit us at the White Stag Historic Block, 70 NW Couch Street.



CONFERENCE WIFI INFORMATION



**KNIGHT
FOUNDATION**

WiFi for the 2019 National Urbanism Next Conference has been graciously provided by the Knight Foundation. To log on:

Network Name: **Next WiFi**
 Username: **NEXTWIFI**
 Password: **UNEXT2019**

INFORMATION FOR PLANNERS, ARCHITECTS, AND LANDSCAPE ARCHITECTS

Conference organizers are applying for continuing education credits for the American Institute of Certified Planners (CMs) and the American Institute of Architects (LU/HSWs). Landscape architects are encouraged to self-report their attendance at conference sessions per the requirements of their state licensure boards. Note that not all sessions and workshops may qualify for continuing education credit for all professions and that type and number of credits offered are subject to change.



Members of the American Institute of Certified Planners (AICP) are required to engage in continuing education to maintain certification. AICP members must earn a total of 32 Certification Maintenance (CM) credits every two years. Reporting periods for new AICP members begin the January after they become AICP members. A minimum of 1.5 credits must be on the topic of ethics, and another 1.5 credits must be on the topic of current planning law. AICP members may carry over a maximum of 16 credits from one reporting period into the subsequent reporting period; however, ethics and planning law credits cannot be carried over to the next two-year reporting period.



AIA | Licensed architects must earn continuing education credits each year to fulfill AIA membership requirements. You may also need to complete continuing education requirements to renew your state license(s). If you're working on getting licensed, some AIA-approved courses count toward the experience requirement for licensure. AIA measures continuing education in Learning Units (LUs). One hour of continuing education earns one LU. AIA Architect members are required to complete 18 LUs from registered AIA/CES providers each year. Of the 18 LUs, 12 must be in the topic areas of health, safety, and welfare (HSW).

PLENARY SPEAKERS & PANELISTS | PORTLAND BALLROOM 252/253/254



JANE GORDON
Vice Provost for Portland,
University of Oregon



NICO LARCO, AIA
Urbanism Next Center Director,
SCI Co-Director, and Professor,
University of Oregon



BECKY STECKLER, AICP
Urbanism Next Program Director,
University of Oregon

WELCOME

The University of Oregon's Jane Gordon, Nico Larco, and Becky Steckler welcome attendees to the 2019 National Urbanism Next Conference.



SUCHARITA KODALI
Vice President and Principal
Analyst, Forrester Research

E-COMMERCE, LAST MILE DELIVERY AND THE IMPACT ON CITIES

2.5 CM / LU Pending for morning plenary speakers

Retail is a cutthroat business and companies are finding they need to be nimble and adapt quickly to changing consumer behavior and shopping trends. An online presence and mobile strategy is now required for brands that want to survive and thrive. Even as online sales grow, customers continue to come into stores to purchase items and browse the aisles. Understanding evolving consumer behavior and desires is critical for success. Sucharita Kodali from Forrester will share her insights on technology developments that affect the online commerce industry and the implications of these trends for cities. She will also share insights into the state of e-commerce and projects for the future—specifically who is winning and why, how companies and communities are managing e-commerce deliveries, and how delivery trends could change in the short- and the long-term.

PLENARY SPEAKERS & PANELISTS | PORTLAND BALLROOM 252/253/254



TERRA CURTIS
Senior Associate, Emerging
Mobility Co-Lead, Nelson\Nygaard



NOLAN BORGMAN
Senior Transportation Planner,
Office of Extraordinary
Innovation, Los Angeles Metro



MICHAEL FORD
Chief Operations Officer, Regional
Transportation District (Denver)



KATIE STEVENS
Senior Director of Government
Relations, Lime



ANDREI GREENAWALT
Head of Public Policy, Via



BRUCE SCHALLER
Principal, Schaller Consulting

NEW MOBILITY AND PUBLIC TRANSIT: KEYS TO THE KIND OF CITIES WE WANT

Carshare, bikeshare, rideshare, and other forms of new mobility promised a transformation in urban transportation. But the actual record is mixed, with ridehail companies like Uber and Lyft adding to traffic congestion and drawing public transit riders. Impacts could easily be magnified if autonomous vehicles accelerate the growth of ridehail trips. Cities need to guide development of these new services based on a clear vision of how they fit in cities and complement high-capacity public transit. This vision should be driven by what kind of city we want to live in, addressing not just mobility but also core values related to opportunity and inequality in jobs, housing, and transportation. Bruce Schaller will discuss key takeaways from his research on Uber and Lyft, the big picture about wages, productivity and housing affordability, and what it means for public transit and new mobility.

PUBLIC/PRIVATE PARTNERSHIPS PRODUCING POSITIVE PAYOFFS

New mobility services present an unprecedented opportunity to improve the movement of people and goods in cities around the world. But without guidance and coordination, these services could bring increased congestion and conflicts. Hear how government officials from Los Angeles and Denver work together with their public and private partners to harness technology and achieve community goals. Private sector representatives from Lime and Via will discuss what works, and what doesn't based on experiences around the country and around the world. From tackling first/last mile issues to understanding real-world implications of autonomous vehicles, these speakers have a lot to share.

PLENARY SPEAKERS & PANELISTS | PORTLAND BALLROOM 252/253/254



MARTHA SCHWARTZ, FASLA
 Founder and Principal
 Martha Schwartz Partners

**SEE THE FOREST FOR THE TREES:
 ECOLOGICAL OPPORTUNITIES FROM
 NEW MOBILITY**

New mobility technologies give us an unprecedented opportunity to reimagine our streets and public spaces. While most transportation planners are asking how to redesign our streets for a different configuration of modes, landscape architects are asking how communities can reclaim that space for environmental services and beauty. Martha Schwartz, principal and founder of Martha Schwartz partners argues that new mobility services, and eventually autonomous vehicles, present an opportunity to re-forest our cities. Reclaiming space for trees makes our communities more resilient and able to adapt and mitigate the effects of climate change. She presents a call to action for cities to combine natural systems and climate adaptation in the redesign of public spaces and streets.



GABE KLEIN
 Co-Founder, Cityfi



STORY BELLOWS
 Partner, Cityfi

**FUTURE PROOF: TRANSLATING
 CLIMATE, ECONOMY, & HEALTH
 OUTCOMES INTO TANGIBLE CHANGE
 ON CITY STREETS**

.75 CM / LU Pending for lunch speakers

Residents are tired of hearing why cities (and companies) "can't" do things and want to see action, from new mobility services to safer streets. Gabe and Story will talk from firsthand experience having made big directional change in public sector institutions—Gabe in Chicago and Washington D.C. as the head of both transportation departments, and Story in Philadelphia and New York City building and leading innovation teams—but also from their perch at Cityfi, and Gabe at Fontinalis Partners working with start-ups, established companies, and cities around the world on fast-actionable plans. Technological change is happening—we need to harness the change to create tangible results on city streets. We are in an age when there is no more time to waste; the planet, our lives (and livelihood) are depending on it, and public and private collaboration on entirely new models will be necessary.

SESSION 1 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

1. A COLLABORATIVE STRATEGY FOR FRICTIONLESS REGIONAL MOBILITY

1:15 PM | D135 | 1.5 CM / LU Pending

Public transportation agencies are currently challenged on a frontier to redefine themselves and define a new future for frictionless mobility beyond boundaries. Private-public partnerships are more critical than ever. Government needs to pause, reevaluate, and shift in response to the future of regional immobility. See what TriMet and local partners are doing to leverage technology, data, and policy in this new space to create a truly smart city with a Mobility as a Service (MaaS) platform.

BIBIANA McHUGH, Mobility & Location-Based Services Manager, TriMet

ADRIAN PEARMINE, National Director for Smart Cities and Connected Vehicles, DKS Associates

AJ O'CONNOR, Director of Intelligent Transportation Systems, TriMet

ELIOT ROSE, Senior Technology Strategist, Metro

KEVIN MARTIN, Smart City PDX Manager, City of Portland

2. SMART CITIES FOR THE REST OF US: THE IMPLICATIONS OF NEW TRANSPORTATION TECHNOLOGIES FOR THOSE LEFT OUT OF THE URBAN REVOLUTION

1:15 PM | D137 | 1.5 CM / LU Pending

The planning conversation around new transportation technologies and smart cities often centers on the potential of such technologies to accommodate denser and more sustainable development. The focus of this conversation, however, tends to be on major urban centers with relatively strong growth, a history of substantial investment in alternative transportation modes, and/or relatively robust planning capacity. This session examines how the conversation about new mobility platforms may be different for smaller cities and rural communities, and in places where growth, investment, and the political will for necessary regulation is not assured. Speakers will present on how individuals from urban-to-rural areas currently use shared mobility services and how those living in these areas envision autonomous technology

changing their lives. Speakers will identify specific policy and planning strategies to ensure that new transportation technologies work for communities that may currently be left out of the conversation.

TARA GODDARD, PhD, Assistant Professor, Texas A&M University

DANIEL PIATKOWSKI, PhD, Assistant Professor, University of Nebraska Lincoln

ARLIE ADKINS, PhD, Assistant Professor, University of Arizona

GIOVANNI CIRCELLA, PhD, Director, 3 Revolutions Future Mobility Program, University of California, Davis

JENNIFER TOOTHAKER, Project Manager, City of Tucson / Adjunct Lecturer, University of Arizona

3. HARNESSING SHARED MOBILITY DATA TO HELP CITIES REDESIGN STREETS OF THE FUTURE

1:15 PM | D134 | 1.5 CM / LU Pending

Over the past decade, the pace of new shared mobility services such as Uber, Lyft, and now shared bikes and scooters has rapidly accelerated. As these services generate billions of data points on how people's transportation patterns are changing, cities are starting to access a new wealth of data for the future of transportation planning. This session will explore how cities are leveraging data from shared services to evaluate their impacts on equity and efficiency goals. Featuring experts from the public and private sector, we will discuss how new micromobility companies are partnering with cities to deliver data that can help them redesign the streets of the future.

KANSAS WAUGH, Director of Mobility Partnerships, Populus

MARLA WESTERVELT, Senior Manager of Urban Partner Solutions, Bird

BEAUDRY KOCK, Head of Policy Initiatives, Spin

RYAN RUSSO, Director, City of Oakland Department of Transportation

ERIC HESSE, Supervising Planner, Policy Innovation + Regional Collaboration, City of Portland Bureau of Transportation

SESSION 1 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

4. WHAT DIGITAL AND POLICY INFRASTRUCTURE DO CITIES NEED TO SHAPE THE IMPACT OF NEW TRANSPORTATION TECHNOLOGY?

1:15 PM | D138 | 1.5 CM / LU Pending

Cities and governments are faced with the need to manage the interaction of emerging and future transportation modes with existing private and public transportation. The impacts on congestion, the environment, and social equity of TNCs, scooters, and autonomous vehicles are not fully understood. Yet, as these technologies mature and reach scale quickly, stakeholders are looking for policies and technological solutions that will help them achieve manageable outcomes and will adapt and scale as new modes grow. This panel will explore a range of policy frameworks that could govern tradeoffs between transportation modes and help cities accomplish social goals through pricing and other incentives.

AMITAI BIN-NUN, Vice President, Autonomous Vehicles and Mobility Innovation, Securing America's Future Energy (SAFE)

AUSTIN BROWN, Executive Director, Policy Institute for Energy, Environment, and the Economy, University of California, Davis

RASHEQ ZARIF, Tech Sector Leader, Future of Mobility Practice, Deloitte Consulting

EDWARD BERNARDON, Vice President, Strategic Automotive Initiatives, Siemens PLM

REGINA CLEWLOW, CEO & Co-Founder, Populus

5. BRINGING THE CURB BACK: HOW CITIES ARE INNOVATING IN 20 FEET

1:15 PM | D136 | 1.5 CM / LU Pending

In today's rapidly evolving mobility marketplace, there is nothing more precious than urban curb space. People have more mobility options than ever before, and as a result, the design of our streets, cities, and physical infrastructure is changing dramatically. At a time when cities across the globe are working to prioritize, preserve and protect the public right-of-way, hear from four cities on how they are harnessing technology to innovate on their streets. Hear about the public-private partnerships that are enabling rapid transformation and adaptation.

SABRINA SUSSMAN, Manager of Public Partnerships, Zipcar

ALEX KEATING, Director of Special Projects, New York City Department of Transportation

ALEX PAZUCHANICS, Assistant Director, Dept of Mobility and Infrastructure, City of Pittsburgh

MARI HUNTER, Principal Planner, San Francisco Municipal Transportation Agency

EVIAN PATTERSON, Associate Director, Parking and Ground Transportation Division, District Department of Transportation

6. THE AMA-ZONING OF AMERICA CONTINUES: IT'S A MATTER OF TIME

1:15 PM | D139/140 | 1.5 CM / LU Pending

At some point in the near-future, everything that consumers can purchase in stores will be available online for the same price or approximately the same price. That will leave only one battleground left for which "e-tailers" like Amazon and Walmart will compete—the TIME between ordering goods and when the goods are delivered. The resulting impacts will be felt by commercial and warehouse/industrial zones, along the transportation network, and within residential neighborhoods (including the curb), and the design, regulatory, and development implications could be profound.

RICK STEIN, AICP, Principal & Owner, Urban Decision Group & Urban Mobility Research Center

KELLY RULA, New Mobility, Climate, and Urban Freight, Seattle Department of Transportation

JUSTIN ROBBINS, AICP, Connected and Autonomous Vehicles Planner, HDR

JASON SUDY, National Lead, Transportation Technology Planning, HDR

SESSION 2 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

7. BIG IDEAS FOR THE HEART OF SEATTLE

3:00 PM | D135 | 1.5 CM / LU Pending

Seattle is developing a framework plan that defines a shared urban design and mobility vision for the heart of Seattle. This 2035 vision identifies opportunities for public spaces and transportation improvements that will serve Seattle's core neighborhoods as they continue to densify. This planning effort is a collaboration between six planning and transportation agencies to support sustainable transportation, strengthen healthy communities, and provide equitable access to mobility choices.

CHRIS SALEEBA, PLA, MPH, Senior Transportation Planner, Seattle Department of Transportation

MAGDA HOGNESS, Architect & Urban Designer, Placemaking Team, Seattle Office of Planning and Community Development

PAUL ROYBAL, Senior Transportation Planner for Transit Route Facilities, King County Metro Transit

JACQUELINE GRUBER, AICP, Senior Economic Development Manager, Downtown Seattle Association

DIANE WIATR, AICP, Principal Planner, Seattle Department of Transportation

8. VALUING AND MANAGING THE PUBLIC RIGHT OF WAY

3:00 PM | D137 | 1.5 CM / LU Pending

Curbside management, congestion pricing, and per-mile fees are being mentioned as tools to improve traffic flow, fund infrastructure, and provide reliability and certainty for all road users. Yet for all the discussion, few governments have been willing to take the leap. Panelists will discuss how governments are approaching these big changes in policy and bringing them across the finish line, along with the stumbling blocks and surprises along the way.

PAUL SALAMA, AICP, COO, ClearRoad

STUART COHEN, Executive Director, TransForm

MAUREEN BOCK, Office of Innovation Manager, Oregon Department of Transportation

HANK WILLSON, Policy Manager, Parking & Curb Management, San Francisco Municipal Transportation Agency

9. MICROMOBILITY: WHAT IS IT, AND HOW CAN THE PUBLIC AND PRIVATE SECTORS WORK TOGETHER TO ACHIEVE ENVIRONMENTAL, EQUITY, AND OTHER POLICY GOALS?

3:00 PM | D134 | 1.5 CM / LU Pending

Over the past year and a half, the micromobility revolution has transformed how many people get around cities. Early evidence suggests that many of the trips on dockless bikes and scooters are replacing trips that would have otherwise been made by car and serving a wide swath of the population, including high proportions of low-income and minority individuals. Due in part to their popularity, micromobility devices have also generated concerns over poorly-parked scooters or bikes blocking the public right of way. Some have consequently argued that dockless bikes and scooters are a flashpoint over cities' street design and right-of-way allocation. This panel session features experts from across different sectors, who have each in their own way sought to better understand or positively shape the impacts of this rapidly-growing transportation technology.

REGINA CLEWLOW, CEO & Co-Founder, Populus
CALVIN THIGPEN, PhD, Policy Research Manager, Lime

FRANCIE STEFAN, Acting Chief Mobility Officer/ Assistant Director of Planning & Community Development, City of Santa Monica

KEVIN FANG, PhD, Assistant Professor, Sonoma State University

RACHEL ZACK, Policy Strategist, Remix

BARB CHAMBERLAIN, Director, Active Transportation Division, Washington State Department of Transportation

10. HOW TECHNOLOGY IS AFFECTING RETAIL AND URBAN REAL ESTATE DEVELOPMENT

3:00 PM | D136 | 1.5 CM / LU Pending

It's a time of change and challenge for retail. The forces of change are visible, for example, in major store closures such as the Gap and Sears, and in highly visible vacancies on suburban arterials, downtowns, and neighborhood main streets.

SESSION 2 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

Sometimes the drivers of change are less visible, from the increasing share of our discretionary spending that happens online, to cultural and technological habits and trends. This session will look at the impacts that technological and cultural change are having on the retail environment; the types of retailers that are struggling and thriving; implications for cities, communities, developers, and retailers; and some actions that can be taken to retain active urban places as retail's footprint shrinks.

BRIAN VANNEMAN, Principal, Leland Consulting Group

DAVID S. GREENSFELDER, Managing Principal, Greensfelder Commercial Real Estate

MICHAEL LEE, AIA, LEED AP, Vice President, CallisonRTKL Inc.

JANANI VASUDEV, Partner & Director of Experience Design & Strategy, Amplified

11. TOD TO REGENERATIVE CITY

3:00 PM | D138 | 1.5 CM / LU Pending

In smart city Kashiwa-no-ha, the collection and analysis of real-time occupant data has shaped the local economy to better meet the needs of residents. By gathering data, local businesses and city infrastructure are tailored to community lifestyles, such as additional childcare in neighborhoods with more families. The cyclical economy allows residents to go car-free by reducing the need to leave their neighborhoods to seek out services. Kashiwa-no-ha demonstrates what's possible if North American cities are willing to adapt to emerging technology and work across platforms to translate data into shared benefits.

CHARLES KELLEY, AIA, LEED AP BD+C, Principal, ZGF Architects

MITSU YAMAZAKI, International Strategy Director, ZIBA

JOSHUA FOSS, CEO, Regensia

RIMAS GULBINAS, CEO, Malka

12. THE AUGMENTED CITY

3:00 PM | D139/140 | 1.5 CM / LU Pending

Augmented reality (AR) in the public realm has the ability to offer customized experiences for how individuals see and navigate their environment, yet raises questions in regards to the impact on our overall health and well-being. This session will focus on the potential for a user to customize their experience of the built environment beyond wayfinding, and highlight the potential burdens, such as advertisements, placed on underrepresented and underserved populations. By highlighting the equity-based burdens, communities can take a proactive approach to ensuring that policy and design regulations result in outcomes that only work to advance opportunities for all.

GERRY TIERNEY, LEED AP BD+C, Associate Principal & Co-Director Mobility Lab, Perkins+Will

MICHAEL AUSTIN, AICP, LEED AP ND, Senior Urban Designer & Campus Planner & Associate, Perkins+Will

INGRID STROMBERG, LEED Green Associate, Urban Design Knowledge Manager & Associate, Perkins+Will

LUC DECKINGA, Digital Practice Manager, Perkins+Will

EVENING EVENT: RECEPTION

4:30 PM | Portland Ballroom 252/253/254

Catch up with colleagues and meet new practitioners in the emerging technologies field while discussing the day's events. Appetizers provided, beverages available for purchase.

PLENARY SPEAKERS & PANELISTS | PORTLAND BALLROOM 252/253/254



HANA CREGER
Environmental Equity Program
Manager, The Greenlining
Institute

WHY RACIAL EQUITY MATTERS IN MOBILITY

.5 CM / LU Pending

Our transportation system is transforming rapidly—from shared mobility to self-driving vehicles. However, simply introducing technology into an unhealthy and unequal system won't fix things. We need equitable practices and policies to tackle the root causes of inequality, not just the symptoms. That means making sure technology doesn't exacerbate and reinforce inequality. This plenary will unpack the historical context of how race became the determining factor in picking transportation winners

and losers. To undo this legacy, we must explicitly center racial equity and prioritize the voices and needs of marginalized people who are usually left out of decision-making on key transportation issues. Equity is complex and intersectional, and to create a more equitable transportation system we must also address interconnected issues such as health and economic opportunities. Equity must be integrated consistently throughout the planning, design, implementation, and evaluation of any mobility program or plan. Instead of just revolutionizing mobility technologies, we need to revolutionize the transportation system in which these technologies operate and fix the root causes of inequality.

Improve public policy Inform the public Invigorate civic life

The Pew Charitable Trusts is a global research and public policy organization, with a portfolio that includes environmental, health, state and local, and consumer policy initiatives.

Pew's state fiscal health project studies the budget and economic challenges facing state and local governments, and helps them design targeted, evidence-based solutions. For more information, visit pewtrusts.org/fiscal-health.



 @PewStates pewtrusts.org/fiscal-health

PLENARY SPEAKERS & PANELISTS | PORTLAND BALLROOM 252/253/254



KARINA RICKS
 Director of Mobility and
 Infrastructure, City of Pittsburgh



BIBIANA McHUGH
 Mobility & Location-Based
 Services Manager, TriMet



ANDREW SALZBERG
 Head of Transportation Policy and
 Research, Uber



STIJN VERNAILLEN
 Mobility as a Service Project
 Leader, City of Antwerp

FROM OWNING TO RENTING: WHY MOBILITY AS A SERVICE IS THE NEXT BIG THING

.75 CM / LU Pending

Most trips in North America start when someone steps out of their house and into their car. That could change sooner than you think. Public agencies including cities and transit agencies around the country are teaming up with technology companies to help people plan and (eventually) pay for the most efficient, least expensive, most comfortable trip. Industry and community officials from the United States and Europe shed light on the opportunities and challenges of coupling planning and payment options into one app. Will we eventually decide that renting is better than owning? That will be for you to decide.



National Leaders in Sustainable Design

PROFESSIONAL PROGRAMS

- Bachelor of Architecture
- Bachelor of Interior Architecture
- Bachelor of Landscape Architecture
- Master of Architecture*
- Master of Interior Architecture*
- Master of Landscape Architecture:
First Professional

POSTPROFESSIONAL PROGRAMS

- Master of Science in Architecture
- Master of Science in Interior Architecture
- Master of Science in Historic Preservation
- Master of Landscape Architecture:
Postprofessional
- Doctor of Philosophy in Architecture
- Doctor of Landscape Architecture

*Two-year and three-year program options available.



SESSION 3 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

13. PREPARING FOR EMERGING TECHNOLOGIES IN THE PACIFIC NORTHWEST

9:00 AM | D135 | 1.5 CM / LU Pending

Oregon Department of Transportation (ODOT) and Washington State Department of Transportation (WSDOT) are both working with policymakers to prepare for emerging technologies on our roadways. Daimler North America based in Portland, Oregon is home to hundreds of engineers preparing for the future of commercial transportation. Come learn more about how the Pacific Northwest is rising to meet the challenge of integrating new technologies onto our roads, while ensuring that they advance our transportation goals.

JENNA ADAMS-KALLOCH, Emerging Technology Policy Lead, Oregon Department of Transportation
ALI LOHMAN, Automated Vehicle Policy Analyst, Oregon Department of Transportation
KYLE MILLER, Transportation Planning Specialist, Washington State Department of Transportation
SEAN WATERS, Director of Product Compliance and Regulatory Affairs, Daimler

14. WHAT ABOUT THE WORKERS? RIDEHAILING, MICROMOBILITY, AND OUR FAIR CITY

9:00 AM | D138 | 1.5 CM / LU Pending

Micromobility and ridehailing can make transportation systems healthier and more equitable by reducing car ownership and storage. However, many of these services use gig workers—contingent workers who access work via app—to manage their fleet. There have been significant labor and health issues associated with gig work in the ridehailing industry. This panel discussion will examine the role of gig work in this new transportation system.

MOLLY TRAN, MD, MPH, Assistant Professor, Colorado School of Public Health
BRIAN KYUHOON NO, Head of Public Policy, Spin
OWEN CHRISTOFFERSON, Former Labor Organizer, Transportation Fairness Portland and Oregon AFL-CIO

15. "I'M ALL FOR PROGRESS, IT'S CHANGE I DON'T LIKE": PUSHING PAST THE BIAS TO KEEP THE CURB THE WAY IT IS

9:00 AM | D139/140 | 1.5 CM / LU Pending

Policies around the curb space are usually contested, with a valley present between the desire to adapt to evolving transportation technologies and uses and a bias for the status quo. As such, reassigning (or often even considering) it can be fraught for jurisdictions, in part because of the competing demands, which can be viewed as zero-sum. Fehr & Peers and Uber, who have worked together on two curb studies, will host this time to catalog perspectives and best approaches with respect to the curb. Representatives from various US cities will discuss how they make decisions around curb space and what the future may hold.

ERIC WOMELDORFF, Principal, Fehr & Peers
ALLISON WYLIE, Transportation & Mobility Policy, Uber
HANK WILLSON, Policy Manager, Parking & Curb Management, San Francisco Municipal Transportation Agency
EVIAN PATTERSON, Associate Director, Parking and Ground Transportation Division, District Department of Transportation
MARY CATHERINE SNYDER, Parking Strategist, Seattle Department of Transportation

16. POTENTIAL IMPACT OF EMERGENT TECHNOLOGIES ON FREIGHT RELATED LAND-USES IN URBAN AREAS

9:00 AM | D136 | 1.5 CM / LU Pending

Emergent technologies such as connected and autonomous trucks are impacting and will impact even more supply chains and the spatial distribution of economic activities. All layers of supply chains—from global to urban—are affected by new technologies, influencing the geographic distribution of economic activities and land use, and posing new challenges for transportation and city planning. In this session land use and transportation planners will discuss how emergent technologies are impacting land-use and the best ways to foster freight-efficient land-uses.

SESSION 3 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

JOSÉ HOLGUÍN-VERAS, PhD, F. ASCE, William H. Hart Professor & Director of the Center for Infrastructure, Transportation, and the Environment and the Volvo Research and Educational Foundations (VREF) Center of Excellence on Sustainable Urban Freight Systems, Rensselaer Polytechnic Institute
DAVID GREENSFELDER, Founder and Managing Principal, Greensfelder Commercial Real Estate LLC
JEFFREY WOJTOWICZ, Senior Research Engineer, The Center for Infrastructure, Transportation and the Environment (CITE), Rensselaer Polytechnic Institute

17. DEPLOYMENT OF AUTOMATED VEHICLES IN METROPOLITAN AREAS: A EUROPEAN PERSPECTIVE

9:00 AM | D134 | 1.5 CM / LU Pending

Automated vehicles (AVs) currently pilot only on fragments of urban road networks due to safety standards, technological feasibility, and spatial complexity. This condition could potentially last for decades, leading to spatially (and socially) selective deployment of AVs across metropolitan areas. In this session, the Technical University of Vienna, TNO, and Graz Holding present latest research on spatial challenges and impacts of AVs as well as respective implications for planning and policy.

EMILIA M. BRUCK, MSc, PhD Candidate, Technical University of Vienna

DIANA VONK NOORDEGRAAF, PhD, Senior Consultant, Sustainable Urban Mobility and Safety, The Netherlands Organisation for Applied Scientific Research (TNO)

AGGELOS SOTEROPOULOS, MSc, PhD Candidate, Technical University of Vienna

MARTIN SCHMIDT, MSc (Energy & Transport), Head of Transport Development, Graz Linien

18. GROWING RELATIONSHIPS BETWEEN PUBLIC TRANSIT AND TNCs TRANSPORTATION

9:00 AM | D137 | 1.5 CM / LU Pending

A few cities have begun active partnerships with TNCs to complement or substitute public transit, and we explore these partnerships and their impacts further in this session by discussing ongoing pilot studies

and research. Nicole Ngo is an assistant professor at the University of Oregon and will present her research on the effects of TNCs on bus ridership in Lane County. Penny Grellier from Pierce Transit in Tacoma, Washington will discuss "Limited Access Connections," a pilot study where Lyft provides free transport to transit centers to help with the first- and last-mile problem. Finally, Jonathan Steketeer, who represents Livermore Amador Valley Transit Authority, will discuss their pilot study "Go Dublin!" where they pay part of riders' fares (up to \$5) for rideshare trips that start and end in Dublin.

NICOLE NGO, PhD, Assistant Professor, University of Oregon

PENNY GRELLIER, Business Partnership Administrator, Pierce Transit

JONATHAN STEKETEE, Customer Service and Contract Oversight Manager, Livermore Amador Valley Transit Authority



Reinventing the wheel, one mode at a time.

Lyft is proud to support Urbanism Next



SESSION 4 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

19. SENIOR HOUSING IN THE AGE OF THE SHARING ECONOMY, ARTIFICIAL INTELLIGENCE, AND AVS

10:45 AM | D136 | 1.5 CM / LU Pending

This panel discussion will explore how technology is impacting senior housing design through enhanced user experiences. Panelists from a wide range of industries will discuss the different ways this technology is changing the senior housing industry and its role in cities and communities. They will discuss a range of topics such as: Will cities need senior housing in the age of Uber, Lyft and AVs? What are the pros and cons of aging in place and how will this change housing development, city planning and urban development? What are the equity considerations with advances in technology impacting quality of life and/or life expectancy? Will these technological advances expand opportunities for all? And much more.

MADELINE BARON, Project Associate, ECONorthwest

MIKE MILLER, Principal, RiceFergusMiller Architects

GREGG SLOAN, Founder & Chief Creative Officer, Amplified by Design

KEVIN CAHILL, Project Director & Senior Economist, ECONorthwest

JOSH EKANDEM, Developer Experience Architect, Intel Corporation

20. THE MISSING MIDDLE: UNDERSTANDING THE UNIQUE CHALLENGES OF AV ADAPTATION FOR MID-SIZE METROS

10:45 AM | D138 | 1.5 CM / LU Pending

The session will explore how the discussion around AV adaptation revolves around large urban metropolises to the detriment of an in-depth examination of the possible secondary impacts of AV adaptation for mid-size metropolitan areas. The Baton Rouge metropolitan area—the nation's 70th largest metro—is a prototypical mid-size metro and offers important insights to the challenges mid-size metros may face as AVs come online, as well as how related challenges are being identified and mitigated in a community lacking the resources of a large metro.

CHRISTOPHER TYSON, President & CEO, East Baton Rouge Redevelopment Authority

JOHN SNOW, Partner, Emergent Method

21. CROSS SECTOR APPROACHES TO EQUITY

10:45 AM | D135 | 1.5 CM / LU Pending

New technologies offer an opportunity to combat present inequities in transportation and our cities. But they could also exacerbate inequities and leave some groups even further behind. Achieving equitable outcomes requires intentional planning and service delivery, and will likely require coordination across public, private, and non-profit sectors. In this session, representatives from the public, private, and non-profit sectors will present strategies and actions they have already taken to pursue equitable outcomes, the successes they have achieved, and the challenges they have encountered. This session will explore what each sector views as its future role, as well as the role of cross-sector collaboration, in delivering equitable access and outcomes as new technologies, including autonomous vehicles, are introduced.

ANNE BROWN, PhD, Assistant Professor, University of Oregon

CALLI CENIZAL, Transportation Policy Manager, Lyft
SAHAR SHIRAZI, Policy and Planning Lead, AVs and Emerging Mobility, WSP

CLARRISSA CABANSAGAN, New Mobility Policy Director, TransForm

IRENE MARION, Public Involvement Coordinator, Portland Bureau of Transportation

22. IDEATION TO IMPLEMENTATION: PUTTING EMERGING TECHNOLOGIES TO THE TEST IN COLUMBUS, LOS ANGELES, AND SEATTLE

10:45 AM | D134 | 1.5 CM / LU Pending

Ready or not, the future of transportation has arrived in regions across the country. In this session, we will explore efforts in three diverse metropolitan areas to align new mobility solutions with long-range transportation planning goals. Hear from transportation planners about pilot projects being

SESSION 4 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

deployed within urban and suburban landscapes to harness technology solutions to increase walking, biking, and transit use. Speakers will share experiences in leading and learning from the planning and deployment of microtransit, micromobility and innovative transportation demand management strategies. The panel will also discuss insights that can be drawn from the pilots to inform long-range land use and transportation planning in preparation for the larger secondary impacts of AVs.

MARCO ANDERSON, Program Manager, Sustainability, Southern California Association of Governments

SARAH JEPSON, Department Manager, Active Transportation & Special Programs, Southern California Association of Governments

CHRISTINA O'CLAIRE, Director, Mobility Division, King County Metro Transit

JENNIFER NOLL, Principal Planner, Mid-Ohio Regional Planning Commission

23. DATA IS A GIRL'S (AND CITY'S) BEST FRIEND

10:45 AM | D139/140 | 1.5 CM / LU Pending

Automated vehicles are estimated to produce mountains of data—approximately 40 GBit per second (Lucid Motors). A fully connected, automated, and integrated mobility future will also include other data-generating devices and services, some of which are on the road today—from GPS located e-scooters, to app-enabled transportation network companies, to individual smart phones tracking our locations and trips in real time. New sources of data create new opportunities for cities to understand, plan for, deliver, and monitor mobility services. This session will explore how data is being leveraged today and in a connected/automated future to drive mobility outcomes.

VERONICA SIRANOSIAN, AICP, LEED Green Associate, Vice President, AECOM

LILLY SHOUP, Senior Director of Transportation Policy, Lyft

LAUREN ISAAC, Director of Business Initiatives, EasyMile

CLAUDIA PRECIADO, Director of Growth, Remix

KELLY RULA, New Mobility, Climate, and Urban Freight, Seattle Department of Transportation

24. RIGHT SIZING PARKING: NEW APPROACHES FOR PLACEMAKING

10:45 AM | D137 | 1.5 CM / LU Pending

While policymakers refer to technology's potential for reducing parking, designing actual projects requires a pivot from code dictates to new approaches that embrace uncertainty and the parking demand ecosystem. This session takes a closer look at actual projects and business models to reduce and reallocate space for parking. First, the session will review parking trends and what can drive down parking demand and management at the building and district levels. This includes design, mode choices, and transportation demand management (TDM). Second, the session will take a look at how various policies, design, and technologies translate into quantified parking space reduction. Third, the session will look at actual policies and projects that are codifying parking space reductions. This includes parking and smart city technologies. Finally, the session will review these new approaches through the lens of architects, real estate developers, and zoning code administrators to better understand concerns and opportunities.

LISA NISENSEN, VP for New Mobility & Connected Communities, Wantman Group (WGI)

ARIC OHANA, Co-Founder, Envoy Technologies

SESSION 5 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

25. CITY AND TNC COLLABORATION: A CASE STUDY

1:45 PM | D134 | 1.5 CM / LU Pending

In 2018, the City of Monrovia, located in the San Gabriel Valley of Los Angeles County, CA (population of 37,000), invited Lyft to collaborate with them in providing convenient and easy access to Monrovia's LA Metro Gold Line light-rail station, under the banner of GoMonrovia. Listen to the key players discuss the opportunities and challenges presented by this innovative public-private partnership.

GERRY TIERNEY, AIA, LEED AP BD+C, Associate Principal & Co-Director Mobility Lab, Perkins+Will
OLIVER CHI, City Manager, City of Monrovia
PAUL DAVIS, Head of Transit Relationships, Lyft

26. PREEMPTION, PRIVACY, AND PEOPLE: LAYING THE LEGAL AND POLICY FOUNDATIONS TO SUPPORT LONG-TERM SUCCESS OF TRANSPORTATION TECHNOLOGIES

1:45 PM | D138 | 1.5 CM (Law) / LU Pending

This session will focus on three new considerations that innovation brings with it: 1) How to maintain state and local regulatory control in consideration of our diverse national transportation system while balancing the promotion of innovation; 2) Analyzing privacy law in an era where "smart" technologies are being deployed on public assets and collecting citizen data; and, 3) Considering what outreach and education should be done to citizens around the deployment of new technologies to not only promote use and adoption, but to also ensure consumer trust with the increased collection of data through public-private partnerships.

GREGORY RODRIGUEZ, Attorney, Best Best & Krieger
JAN WHITTINGTON, Associate Professor, University of Washington
JOHN KENNEDY, Deputy City Attorney, San Francisco City Attorney's Office

27. ZONING IN THE ERA OF ON-DEMAND LAND USE

1:45 PM | D137 | 1.5 CM / LU Pending

Since the birth of zoning and the Euclid decision, urban planners and real estate professionals have based their regulatory and investment decisions on rigid, single-definition land use categories that can be plotted on a map. But in an era where anyone can change their house into a hotel or an office space at the click of a button, cities have struggled to regulate dynamic markets when it conflicts with static land use regulations. Focusing on the short-term rental market, this session looks at how city governments have used zoning tools to shape the industry, alter housing, building code, and discrimination regulation, and ensure compliance.

JEFFREY GOODMAN, Director of Policy, Host Compliance
ALEX MARQUSEE, Legislative Analyst, City of Oakland
CHRISTOPHER BLEDSOE, Co-Founder & CEO, Ollie

28. WHAT WILL IT TAKE TO ENSURE EQUITY IN A TRANSIT/AV FUTURE?

1:45 PM | D135 | 1.5 CM / LU Pending

It is said that TNCs are just AVs with a driver. Compared with taxis, TNCs are closing the equity gap, but their direct competition with transit in some markets makes it unclear whether they are creating a more equitable transportation system overall. Using findings from the Cincinnati Mobility Lab and the Union of Concerned Scientists self-driving cars study, this session will explore how the rapid growth of TNCs is affecting the equity of the transportation system as a whole and the implications this has for an AV future.

ANDY KOSINSKI, PE, Associate, Fehr & Peers
CHRIS PANGILINAN, Public Transportation Policy Manager, Uber
SARAH PETERS, AICP, Senior Transportation Planner, Fehr & Peers
MICHELLE POYOUROW, Senior Associate, Jarrett Walker & Associates

SESSION 5 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

29. THANK YOU FOR YOUR ORDER: NAVIGATING THE COMPLEX URBAN DELIVERY ECOSYSTEM

1:45 PM | D136 | 1.5 CM / LU Pending

It is almost hard to believe how many items we can have arrive at our doorstep, sometimes within minutes, at the simple click of a button. This session will shed light on both the opportunities and challenges associated with urban delivery from all sectors: public, private, and academic. Hear from researchers at University of Washington's Urban Freight Lab who are working with carriers to reduce dwell time and missed deliveries, as well from representatives from the private sector, including UberEats and Postmates, who are working to meet customer demand for fast deliveries while simultaneously trying to maximize delivery efficiency and pushing the boundaries of innovation. Kelly Rula from the Seattle Department of Transportation will moderate the discussion and will highlight some of the opportunities and challenges of urban delivery from a city perspective.

KELLY RULA, New Mobility, Climate, and Urban Freight, Seattle Department of Transportation

BARBARA IVANOV, Director, Urban Freight Lab, University of Washington

EMILIE BOMAN, Global Public Policy Lead, Uber Eats

VIGNESH GANAPATHY, Sr. Government Relations, Postmates

KRISTAL FISER, Director State Government Affairs, Northwest, United Parcel Service

DANIELLE HARRIS, Innovation Strategist, Office of Innovation, San Francisco Municipal Transportation Agency

30. PILOTING DOCKLESS DEVICES IN A CHANGING MOBILITY LANDSCAPE

1:45 PM | D139/140 | 1.5 CM / LU Pending

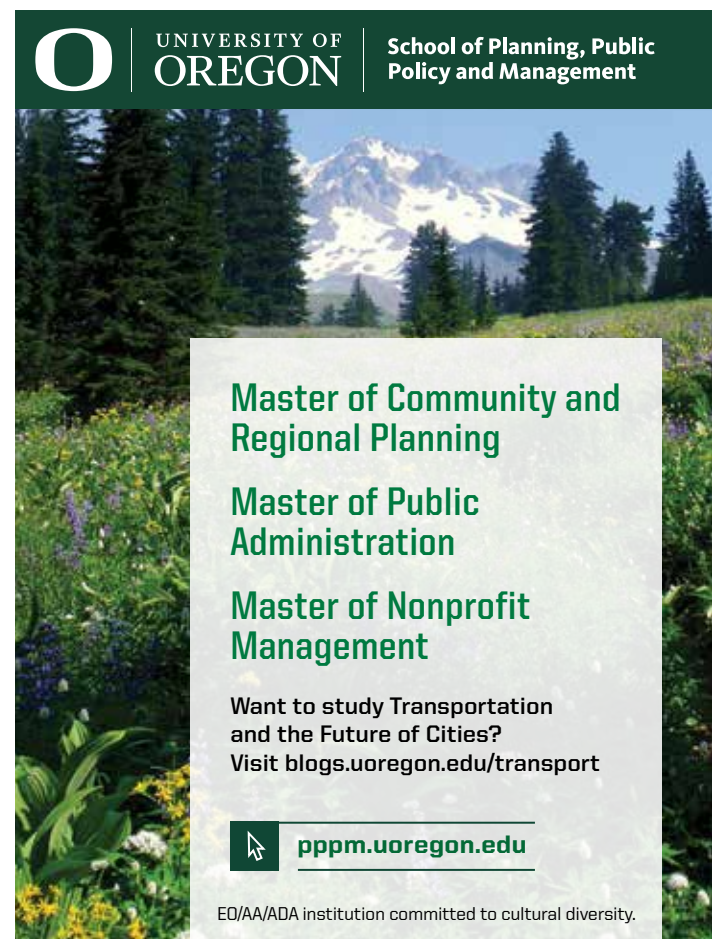
As cities aim to curate transportation systems that are shared, connected, and electric, they are also integrating new dockless scooters and bicycles in real time. Their small scale, flexibility and low emissions could propel a transportation revolution, but cities have the weighty task of shepherding the deployment of these new technologies in a way that

protects public safety, enhances efficient mobility, and encourages innovation. The City of Santa Monica, a community that has long encouraged sustainable and people-oriented transportation options, was the initial trial grounds for shared electric scooters. In this session, learn how the city responded to the proliferation of dockless devices on its public right of way through its Shared Mobility Pilot program and integration of the new Mobility Data Specifications tool. Plus, hear a discussion about ideas for building more collaborative relationships between the public and private sectors.

FRANCIE STEFAN, Acting Chief Mobility Officer/ Assistant Director of Planning & Community Development, City of Santa Monica

MARCEL PORRAS, Chief Sustainability Officer, Los Angeles Department of Transportation

SARAH ASHTON, Director of New Mobility Policy, US West, Uber



O UNIVERSITY OF OREGON School of Planning, Public Policy and Management

Master of Community and Regional Planning

Master of Public Administration

Master of Nonprofit Management

Want to study Transportation and the Future of Cities?
Visit blogs.uoregon.edu/transport

pppm.uoregon.edu

EO/AA/ADA institution committed to cultural diversity.

SESSION 6 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

31. THE IMPACT OF MAAS, AUTONOMOUS DRIVING, AND CARSHARING ON THE URBAN ENVIRONMENT: A EUROPEAN PERSPECTIVE

3:30 PM | D136 | 1.5 CM / LU Pending

In this session TNO, Delft University of Technology, PTV, and Dell will present their latest research on the impact of MaaS, autonomous driving (level 3/4 and 5), and car sharing on the urban environment. This session will address the take-off of new mobility concepts in Europe and give a broad overview of research, pilots, and lessons learned on the impacts on cities from a European perspective. Qualitative impacts on air quality, traffic safety, economy, and spatial planning are also addressed, giving an understanding of the broad range of impacts and providing a valuable starting point for discussing the action cities can take.

DIANA VONK NOORDEGRAAF, PhD, Senior Consultant, Sustainable Urban Mobility and Safety, The Netherlands Organisation for Applied Scientific Research (TNO)

GEISKE BOUMA, MSc, Senior Consultant, Urban Innovation, The Netherlands Organisation for Applied Scientific Research (TNO)

GONÇALO CORREIA, Assistant Professor, Delft University of Technology

JOSEPH LUBLINER, Regional Manager, North American Traffic Division, PTV Group

SANDER VAN LINGEN, Business Development Manager for Digital Cities, Dell Technologies

32. NEW MOBILITY AND MUNICIPAL BUDGETS: PLANNING FOR THE FUTURE

3:30 PM | D138 | 1.5 CM / LU Pending

Autonomous and electric vehicles have the potential to improve safety, provide mobility, increase road capacity, and lower emissions. But autonomous and electric vehicles pose challenges for many facets of local government administration, including revenue generation. Traditional sources of transportation funding like gasoline taxes and registration fees may decline as new modes of mobility are adopted. Research at the University of Oregon has focused on how transportation funding may be affected in the

Oregon cities of Gresham and Eugene, and proposed innovative funding options for filling the gap in funding.

REBECCA LEWIS, PhD, Sustainable Cities Institute Research Director and Assistant Professor of Planning, University of Oregon

CHRIS HENRY, PE, Transportation Planning Engineer, City of Eugene

MARY MURPHY, Project Director, Pew Charitable Trusts

KATHERINE KELLY, AICP, Comprehensive Planning Manager, City of Gresham

BENJAMIN CLARK, PhD, Associate Professor, University of Oregon

33. URBANISM NEXT INSPIRED SITE DESIGN: CASE STUDIES OPTIMIZING SMART MOBILITY

3:30 PM | D137 | 1.5 CM / LU Pending

This session examines how careful consideration for the rapidly evolving needs of new mobility can future-proof site design by applying Urbanism Next's key themes to real-world site planning. Case studies highlight collaborations by leading architects and transportation planners. Learn how to optimize design for transit access, vehicle electrification, shared mobility, e-commerce goods delivery, and universal access to safe, inclusive, accessible, green, pedestrian and bicycle-oriented public space. The challenge of preparing for autonomous vehicles, while still carving out space for the car through graduated parking reduction and with smart and connected technologies, is also addressed.

MIKE USEN, AICP, Senior Transportation and Environmental Planner, DKS Associates

WILL GRIMM, AIA, NCARB, LEED AP, Senior Associate, Ankrom Moisan Architects

RAE SMITH, RA, AICP, Senior Associate, Senior Planner, and Urban Designer, HOK

ADRIAN PEARMINE, National Director for Smart Cities and Connected Vehicles, DKS Associates

SESSION 6 - CONCURRENT PANELS | OCC, VARIOUS ROOMS

34. MOBILITY FOR THE 90 PERCENT

3:30 PM | D134 | 1.5 CM / LU Pending

Access to opportunity is a critical determinant of quality of life. In recent decades, confounding issues around land use, transportation, and equity have coalesced in such a way that increasingly, accessibility depends on mobility. At the same time, discordant trends of global inequality and major technological advancements are on the rise. This session will explore the role of transportation innovation in filling the mobility gap for the world's 90 percent at the scale and pace needed to address the global challenges of today.

CHRISTA CASSIDY, Graduate Student, Department of City and Regional Planning, University of California Berkeley

KATE WHITE, Associate Principal, ARUP

KAREN FRICK, Associate Professor, Department of City and Regional Planning, University of California Berkeley

CLARISSA CABANSAGAN, New Mobility Policy Director, TransForm

RYAN RUSSO, Director, City of Oakland Department of Transportation

35. NEGOTIATING TRANSIT: TNC PARTNERSHIPS THAT WORK

3:30 PM | D139/140 | 1.5 CM / LU Pending

Do transit and transportation network companies compete or collaborate? It's not as simple as that. As new mobility service providers emerge, some see a competitive threat to transit, while other agencies have partnered with them. Throughout 2018, Terra Curtis and Buffy Ellis led a national study of twenty partnerships to prepare the upcoming TCRP report: Partnerships Between Transit Agencies and Transportation Network Companies. The outcome of this research is the Partnership Playbook, which synthesizes lessons learned and empowers the transit industry to be more proactive in its approach to working with TNCs.

TERRA CURTIS, Senior Associate, Nelson\Nygaard

BUFFY ELLIS, AICP, Senior Transportation Planner, KFH Group

EILEEN COLLINS, Manager, LIFT Service Delivery, TriMet

LANEY SCHORP, US Regional Lead, Partnerships, Via

36. THE ZONE OF EXCHANGE

3:30 PM | D135 | 1.5 CM / LU Pending

From ground to garage, the Zone of Exchange is where people interact with buildings and where urban life occurs. With the impending mobility shifts, this zone is ripe for disruption and we will be discussing what is possible when a variety of specialists and advocates work together to ensure an outcome the works for the public realm.

ALEX GARRISON, AIA, Architect and Design Manager, Gensler

BRENT MATHER, AIA, Design Principal, Gensler

BEN HOLLAND, Senior Associate, Rocky Mountain Institute

TARA PHAM, CEO, Numina

ROADMAP 12  **FORTH**
Empowering Mobility

June 18-19, 2019 | Portland, OR USA

The largest electric, shared, and smart mobility conference in the United States.

- 100+ National & International Speakers
- Exhibits
- Interactive Breakout Sessions
- Regional Smart Mobility Tours
- Ride & Drives
- Developing Trends & New Product Lines
- Leaders in Industry, Government & Utilities

Save \$75 with code: URBANISM

Learn more and register at roadmapforth.org



KNIGHT
FOUNDATION

BUILDING INFORMED AND ENGAGED COMMUNITIES

[KF.org/communities](https://kf.org/communities) | [#knightcities](https://twitter.com/knightcities)

EACH STEP, BIG OR SMALL,
CREATES A BRIGHTER ENERGY FUTURE.

FULLCLEANAHEAD



fullcleanfuture.com



URBANISM NEXT WOULD LIKE TO THANK THE STAFF & VOLUNTEERS WHO MADE THIS CONFERENCE POSSIBLE!

URBANISM NEXT CONFERENCE STEERING COMMITTEE:

Heartfelt thanks to the state chapters and national American Institute of Architects, American Planning Association, and American Society of Landscape Architects, as well as the Urban Land Institute Northwest for their support and dedication to the Urbanism Next Conference. We couldn't have done it without you.

Taryn Sabia, American Institute of Architects, Regional and Urban Design Committee

Robert Hoffman, AIA, American Institute of Architects Oregon/Portland

Dave Otte, AIA, LEED AP, NCARB, American Institute of Architects Oregon/Portland

David Rouse, FAICP, ASLA, American Planning Association

Denny Egner, FAICP, Oregon Chapter of the American Planning Association

Aaron Ray, AICP, Oregon Chapter of the American Planning Association

Lucy Joyce, ASLA American Society of Landscape Architects

Jean Senechal Biggs, ASLA, American Society of Landscape Architects

Jamie Hendrickson, LEED AP, American Society of Landscape Architects Oregon

Andreas Stavropoulos, ASLA, American Society of Landscape Architects Oregon

Noel Johnson, Urban Land Institute Northwest

Bryce Payne, Urban Land Institute Northwest

Brian Vanneman, Urban Land Institute Northwest

URBANISM NEXT CONFERENCE PROGRAM COMMITTEE:

Serah Breakstone

Anne Brown

Kelly Buchanan

Thomas Coleman

Hana Creger

Jeb Doran

Amanda Ferguson

Petra Hurtado

Diane Jones Allen

Rebecca Kennedy

Aaron Lande

Allysha Lorber

Adam Matar

Shannon McElvaney

Dave Otte

Andrea Pastor

David Rouse

Sahar Shirazi

Andreas Stavropoulos

Lina Stepick

Patrick Sweeney

Adam Taylor

Brian Vanneman

URBANISM NEXT CONFERENCE REGISTRATION PROVIDER:

Lori Servin, Action Registration

URBANISM NEXT WOULD LIKE TO THANK THE STAFF & VOLUNTEERS WHO MADE THIS CONFERENCE POSSIBLE!

URBANISM NEXT AT THE UNIVERSITY OF OREGON'S SUSTAINABLE CITIES INSTITUTE:

Nico Larco, AIA, Urbanism Next Center Director and Sustainable Cities Institute Co-Director

Marc Schlossberg, PhD, Sustainable Cities Institute Co-Director

Rebecca Lewis, PhD, Sustainable Cities Institute Research Director

Becky Steckler, AICP, Urbanism Next Center Program Director

Amanda Howell, Urbanism Next Center Project Manager

Jennifer Davidson, Urbanism Next Center Project Manager

Marsie Surguine, CAPS, Urbanism Next Center Graduate Employee

Marsha Gravesen, Urbanism Next Center Financial and Office Manager

Megan Banks, Sustainable Cities Institute Sustainable City Year Program Manager

Katie Fields, Sustainable Cities Institute Sustainable City Year Program Graduate Employee

UNIVERSITY OF OREGON STRATEGIC COMMUNICATIONS:

Zack Barnett, Senior Director of Strategic Initiatives and Knight Campus Communications

Maggie Karl, Strategic Communications Coordinator

Rachael Nelson, Strategic Communications Coordinator

URBANISM NEXT CONFERENCE VOLUNTEERS:

Kerry Aszklar

Olivia Bain

Heather Bartlett

Alison Bowers

Cindy Chou

Connor Clark

Jean Dahlquist

Stephanie Lonsdale

Ian Lowell

Carter McLoughlin

Joseph Meyers

Jason Nolin

Polina Polikakhina

Jordan Pieper

Leah Rausch

Catherine Rohan

Jason Schaefer

Huijun Tan

Curtis Thomas

Kelly White

Annika Zornig

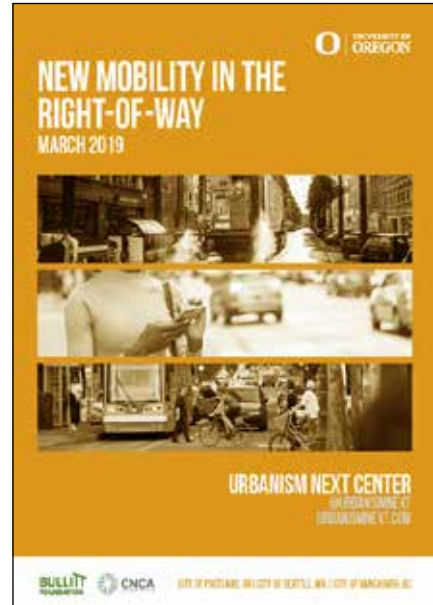
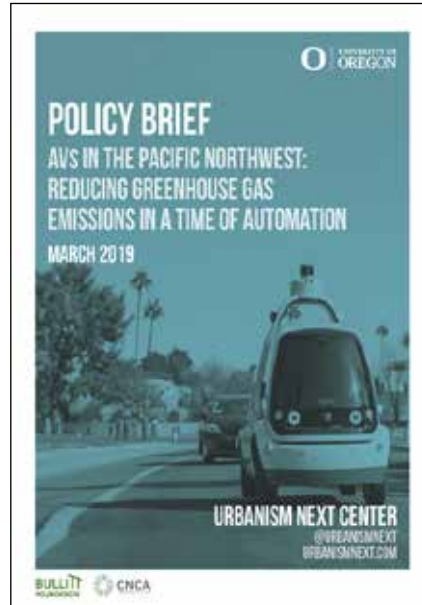
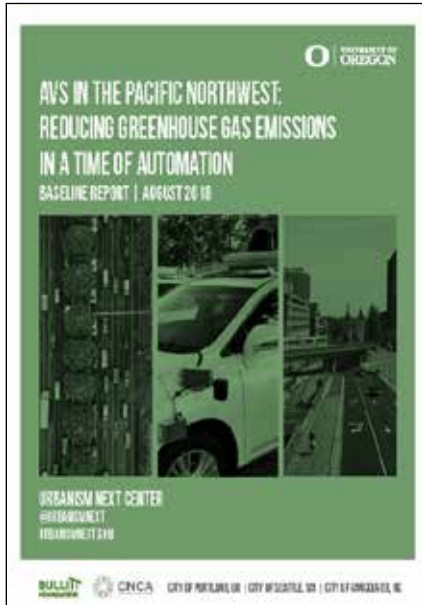
Chloe Zornig

COVER PHOTOGRAPH:

Fred Joe Photography

By attending this conference you irrevocably grant the University of Oregon permission to publish, republish, adapt, exhibit, reproduce, modify, make derivative works, distribute, or display your name, image, voice, written testimony, and biographical information in connection with any university product or service. This permission applies to all markets and in any media or technology now known or hereafter developed. The university may exercise any of these rights itself or through any commercial or nonprofit successors, transferees, or licensees.

THE CONVERSATION DOESN'T END HERE.



WWW.URBANISMNEXT.COM

YOUR RESOURCE FOR ONGOING RESEARCH AND DISCUSSION ON HOW EMERGING TECHNOLOGIES ARE IMPACTING CITIES AND URBAN FORM.

URBANISM NEXT CENTER

O | UNIVERSITY OF OREGON

THANK YOU

TO OUR PARTNERS & SPONSORS



Regional & Urban Design
an AIA Knowledge Community



AIA
Portland



Urban Land
Institute
Northwest



American Planning Association
Making Great Communities Happen



American Planning Association
Oregon Chapter
Making Great Communities Happen



American Society of
Landscape Architects



ASLA
OREGON



New Urban
Mobility
alliance

Uber



KNIGHT
FOUNDATION



THE
PEW
CHARITABLE TRUSTS



CITYLAB



PERKINS
+ WILL

TransLōc®

ZGF



AECOM

FEHR + PEERS

KITTELSON
& ASSOCIATES



PBOT
PORTLAND BUREAU OF TRANSPORTATION



NELSON
NYGAARD

