



*Sixth Annual*  
**INCOSE Western States Regional Conference**

September 14 - 16, 2023  
Richland, Washington, USA



**Call for Submissions**





## ABOUT THE CONFERENCE

Welcome to the sixth annual Western States Regional Conference (WSRC) hosted by the Cascade Chapter in Tri-Cities, Washington!

Date: September 14 - 16, 2023

Location: Pacific Northwest National Laboratory, 650 Horn Rapids Road, Richland, Washington

Website: [www.incose.org/wsrc](http://www.incose.org/wsrc)

The WSRC is a 3-day event showcasing presentations, keynotes, tutorials, and tours all focusing on topics related to systems engineering. The WSRC is not just for INCOSE members or systems engineers. It's an opportunity for project managers, educators, technology professionals, and others who have a 'systems thinking' mindset to share with one another about how to apply systems approaches to solve challenging problems.

WSRC 2023 provides an opportunity to share the latest innovations in systems engineering research and demonstrate how systems engineering can help solve real-world problems. Systems Engineering is essential to man-made, natural, and social systems. We seek submissions from a diverse set of industries, from Transportation, Health and Biomedical, Emergency Services, Social Systems, Public Planning, Aerospace and Defense, Environment, Power Generation, and more!

New and novel applications of systems engineering are highly desired. We extend a special invitation for you to come and share your ideas and meet like-minded folks who are applying systems engineering to their operations today!

### KEY TEAM MEMBERS

Conference Co-Chair	Artis Riepnieks	<a href="mailto:artis.riepnieks@incose.net">artis.riepnieks@incose.net</a>
Conference Co-Chair	Susan Ronning	<a href="mailto:susan.ronning@incose.net">susan.ronning@incose.net</a>
Technical Program	Dorothy Bienveniste	<a href="mailto:dorothy.benveniste@incose.net">dorothy.benveniste@incose.net</a>



## KEY DATES

Systems Engineering plays an even more crucial role in the information-rich, energy transformation and sustainability challenged world. This year we recognize the importance of taking charge and leading the way in developing innovative solutions and deploying them in real-world applications to tackle the challenges in energy, information and sustainability areas.

We seek a diverse group of experts from academia, industry, and government to share their perspectives and experiences. We encourage experts from different fields including Project Management and Quality Management to share their experience and stories. We invite you to join us for a thought-provoking and inspiring event!

Our presenters will showcase how they are leading the charge in their respective fields in product development, from artificial intelligence and data analytics to energy equity. We will explore the latest developments and cutting-edge approaches that are shaping the future of Systems Engineering.

We extend a special invitation for you to come and share your ideas and research around Artificial Intelligence and Machine Learning models and their role in the future.

*So come and join the charge towards an uncertain but excitingly innovative future. We look forward to seeing you at WSRC!*

Systems Engineering is essential to man-made, natural, and social systems. We seek submissions from a diverse set of industries, from Transportation, Health and Biomedical, Social Systems, Public Planning, Aerospace and Defense, Environment, and more! New and novel applications of SE are highly desired.

<b>Abstract Submission Due</b>	<b>1 May 2023</b>
<b>Notification of Acceptance</b>	<b>1 June 2023</b>
<b>Final Presentation Due</b>	<b>12 August 2023</b>

Stay in Touch, [join our Mailing List!](#)



## ABOUT THE CONFERENCE

The WSRC Program Committee is in the process of reviewing submissions for the Program. Our topics of interest include:

Digital Transformation	Critical Infrastructure	Sustainability
Cross-Domain Solutions	Information Communications Technology (ICT)	Cyber Security
Systems Reliability & Resiliency	Systems Engineering Education	Innovation
Systems Engineering & Agile	SE in Early-Stage Research and Development	Prototyping and deployment
Human Systems Integration	Artificial Intelligence (AI) opportunities and risks	Machine Learning models and uses in SE
Operational Technology (OT)	Case studies (experience of success and failure)	Energy Management and Clean Energy



To submit an abstract use EasyChair [Click Here](https://easychair.org/conferences/?conf=wsrc2023) or copy-paste

<https://easychair.org/conferences/?conf=wsrc2023>

- Title
- Presenter(s)' name, affiliation, contact information, and brief biography
- For Presentations, include an abstract (max 1000 words) that clearly identifies (1) the issue to be addressed, (2) the main points of the presentation, and (3) what the audience will take away
- For Tutorials, please identify top-level learning objectives, topical outline, and proposed duration

Authors will receive feedback through WSRC 2023 EasyChair

As Systems Engineers, we have the opportunity to shape our world in exciting ways. Be sure to think broadly about the implications of your outstanding work!

Presenters get a \$50 discount on conference registration!



## CALL FOR PRESENTATIONS

Presentations provide the opportunity for practitioners to share their work, novel approaches, or interesting problems addressed without writing a formal paper. We encourage authors to submit detailed abstracts for high quality presentations addressing challenges in the key domains and emphasis areas above.

Sessions are 50 minutes: 40 minutes for presentation with 10 minutes for Q&A. Initial submissions for presentations includes an abstract of no more than 1000 words and should be submitted using the submission site for Presentations at <https://easychair.org/conferences/?conf=wsrc2023>. The submission should include the following elements:

- Title and an overview of the topic
- Clearly identify specific related industries
- Provide what the audience will take away from the presentation
- Provide background on the presenter and his/her qualifications to provide the talk.

Each abstract will be peer reviewed on key aspects: innovation, topic relevance, technical soundness, and creative and compelling content. Presentations must not be used for the promotion of any commercial product or interest, and further must not promote or voice an opinion on political or religious matters Presentations must be original work that has not previously been presented to INCOSE (if it has been previously presented elsewhere, this should be noted). Joint authors must nominate a single point of contact. Accepted presentations are expected to be presented in person by the authors.

### North Cascade Mountains





## CALL FOR STUDENT POSTERS

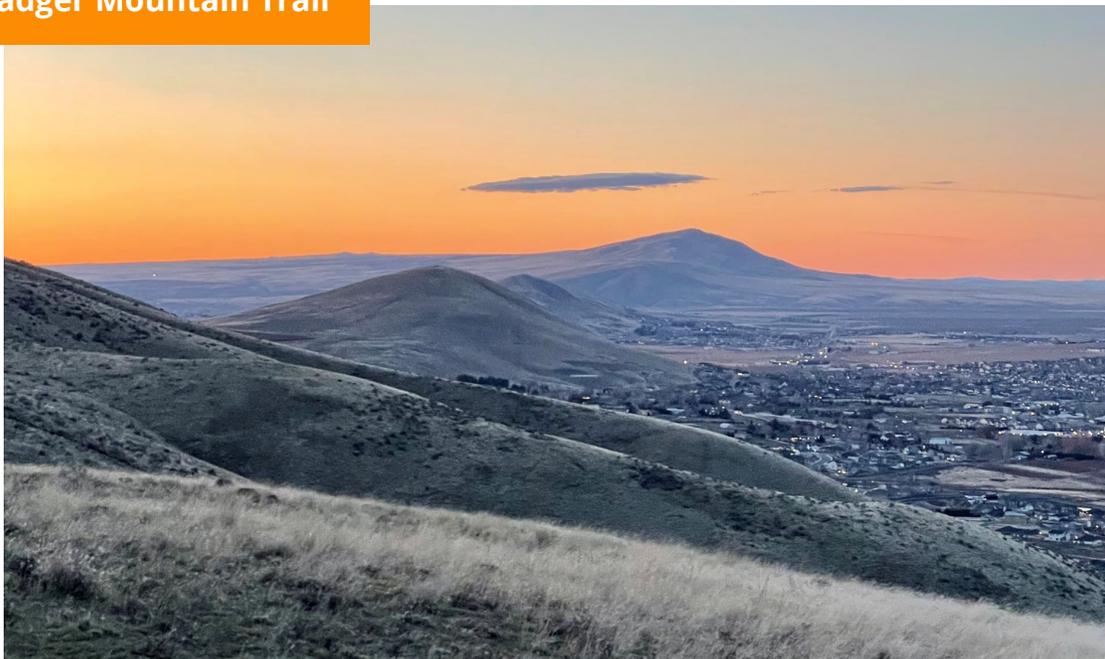
Students in all phases of education are encouraged to submit abstracts for student poster presentation on WSRC 2023. We expect a range of undergraduate, masters, and doctoral level submissions.

- Poster Title
- Author(s) name, affiliation, contact information
- A short abstract that clearly identify the main points of the poster

Poster information must be submitted through EasyChair, <https://easychair.org/conferences/?conf=wsrc2023>.

Posters will be peer reviewed for topic relevance and technical soundness. Accepted posters are expected to be printed (link to INCOSE A0 template can be found here) and presented in person by the authors.

### Badger Mountain Trail





## CALL FOR TUTORIALS

Tutorial abstracts for the following types of classroom instruction will be considered:

- **Professional Development Tutorial:** intended for both practicing systems engineers who want to expand their systems engineering skills and seasoned professionals who are new to INCOSE concepts of systems engineering. It is important not only to instill in the tutorial participants a new skill, but also to make it clear how that skill can add real value to the participant's enterprise.
- **Advanced Technology Tutorial:** intended for practicing systems engineers. This introduces new technologies with potential to add real value to systems engineering practice although that potential has not yet been demonstrated.
- **Best Practices Implementation:** intended for practicing systems engineers who are interested in understanding how to apply systems engineering best practices with a domain-specific emphasis.

The abstracts must not contain a sales presentation for the presenter or the presenter's company, and shall not contain proprietary data. The Tutorial abstract submission website is <https://easychair.org/conferences/?conf=wsrc2023>. Please include "Abstract for tutorial" in the description. Abstract should include the topical outline and proposed duration as well as presenter(s)' name, affiliation, contact information, and brief biography. If a tutorial is accepted, then one presenter will be eligible for a discounted event registration rate.

### Wine County



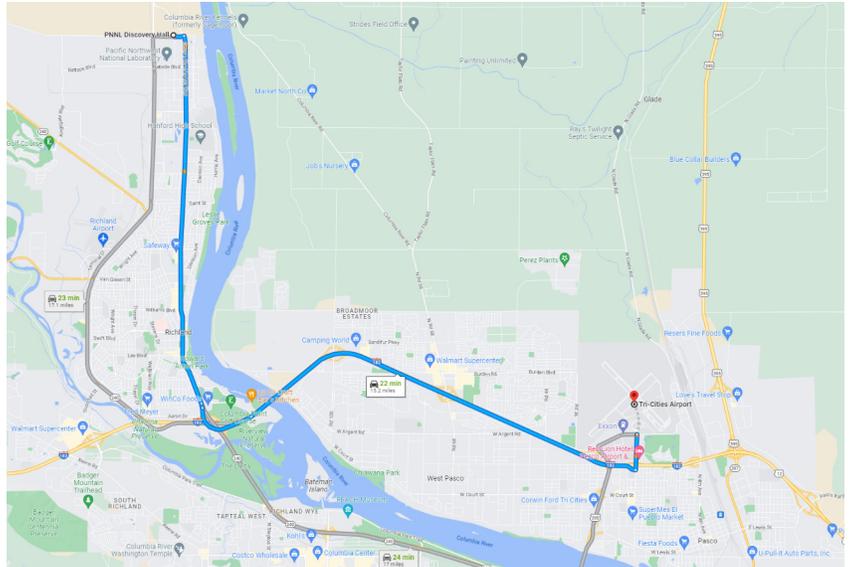


## GETTING TO THE CONFERENCE

The WSRC will take place in PNNLs Discovery Hall

Address: 650 Horn Rapids Road,  
Richland, WA 99354

The venue is situated 15 miles from  
the closest airport – Pasco (PSC).



### BY AIR

Direct flights to Pasco Airport (PSC) from 10 destinations (please note that a few destinations are seasonal) - <https://www.flytricity.com/fly/nonstop>

### CAR POOL

Carpool groups will be organized for anyone looking to drive from Portland, Seattle, or Spokane metro areas. If interested in carpooling, please submit your request here

### BY ROAD & RAIL

There are a few different in-town options, including taxis and bus lines. Car sharig services Lyft and Uber are also available. Below are links / phone numbers to the most popular taxis, as well as a link to bus lines:

- Benton Franklin Transit - <https://www.bft.org/>
- Rad Cab - <https://radauto.biz/radcab.html>
- Amigo Taxi – 509.440.8580
- On Time Taxi – 509.619.0109
- Tri-City Cab – 509.222.9208
- Greyhound Station in Pasco - <https://www.greyhound.com/en-us/bus-station-78063>
- Amtrak Station in Pasco (<https://www.amtrak.com/stations/psc>)

For car rentals:

- [Enterprise](#) (different locations available)
- [Alamo Rent A Car](#) (also located at the airport)