



Overview of the 2018 ASEI National Convention (Sep 28-30, Seattle WA)

Hosted by:

**The Seattle Chapter of the American Society of
Engineers of Indian Origin (ASEI)**

Co-Hosted by:

The STEM Thinkers Non-profit Organization

Drafted by: ASEI Seattle Chapter Team



Overview of the American Society of Engineers of Indian Origin

- Established as a 501(c)6 non profit in 1983 in Michigan
- ASEI Vision

“Create a national network of technical professionals of Asian Indian Diaspora living in the US to provide a platform for networking, career advancement, community service, technology exchange and to develop the next generation of scientists and engineers”
- Chapters across the US:
 - Michigan, Washington DC, Ohio, Florida, Southern California, Northern California, Seattle, three Student Chapters
- Activities:
 - Annual National Convention
 - Seminars/Tech Talks/Mentoring
 - Annual Award Programs
 - Scholarships
 - Community Service
 - Inspirational STEM Programs for young children





Overview of the STEM Thinkers Organization

- STEM Thinkers is a 501(c)3 charitable non-profit, launched in Seattle in 2017
- Vision
 - *“To inspire curiosity, creativity, and inventive thinking in our children through fun and exciting STEM learning”*
- Mission
 - Develop STEM curriculum that connects science with Sustainability & Noble Causes
 - Conduct STEM learning sessions with Grade 1-12 kids
- STEM Programs being developed:
 - Curious Thinkers – Grade 1-5 kids
 - Creative Thinkers – Grade 6-8 kids
 - Inventive Thinkers – Grade 9-12 kids
 - Girls in Science
- 2017 Accomplishments:
 - Held 3 STEM events (Grades 1-5)
 - 179 kids registered (92 boys, 87 girls)!
 - 294 parents engaged!





Overview of the 2018 ASEI National Convention (Sep 28-30, 2018)

Purpose of Convention:

Provide a forum for technical professionals, parents, corporations, and academia to discuss how our communities can motivate our children to pursue STEM careers

Convention Location:

Angels of Wind Arena
Edward D Hansen Conf. Center
2000 Hewitt Ave. Everett WA

Convention Hosts: The Seattle Chapter of ASEI

Convention Co-Hosts: The STEM Thinkers non-profit organization

Who Will Attend:

This event will be attended by over 500 engineers, scientists, academia, students, corporate leaders, and parents of young children.



2018 ASEI National Convention Technical Program

Three Technical Tracks during daytime program (9am-4pm)

1. **Women in STEM**

- Various speakers will discuss how to mitigate the gender gap of women in STEM jobs
- Various speakers will discuss stories of successful women in STEM

2. **Community Involvement in STEM**

- Various speakers will talk about how community involvement helps motivate our kids towards STEM
- Various speakers will discuss the impact of STEM jobs in USA due to changes in immigration policies

3. **Future Careers in STEM**

- Various speakers will provide insights into how disruptive technologies will impact the future workforce
- Various speakers will provide insights into future technology jobs

American Society of Engineers of Indian Origin, a non-profit organization



2018 ASEI National Convention Event Program



| SEP 28, 2018 | FUNCTION | DESCRIPTION |
|--------------|---------------------|--|
| 2:00PM | Boeing Factory Tour | Visit the world's largest building by volume to see manufacturing of large airplanes |
| 7:00PM | Networking Dinner | Come network with convention delegates and enjoy great food! |

| SEP 29, 2018 | FUNCTION | DESCRIPTION |
|--------------|------------------------|---|
| 8:00AM | Registration/Breakfast | Registration and continental breakfast |
| 9:00AM | Event Kick Off | Event kicked off with several inaugural speakers |
| 10:00AM | Technical Sessions | Technical sessions on three separate tracks start |
| 12:00PM | Lunch/Scholarships | Lunch served/Student scholarships awards presented |
| 4:00PM | Tech Sessions End | Technical sessions start after lunch and end at 4pm |
| 6:00PM | Social Hour | Appetizers/Drinks/Networking/Corporate booths |
| 7:00PM | Banquet Dinner | Dinner/Entertainment/Keynote Address/Awards |

| SEP 30, 2018 | FUNCTION | DESCRIPTION |
|--------------|-----------------------|---|
| 12:00PM | Boeing Factory Tour | Visit the world's largest building by volume to see manufacturing of large airplanes; free for kids 15 & under (4-Ft Ht. minimum) |
| 12:00PM | Museum of Flight Tour | Come visit the world's largest independent non-profit air and space museum (free to kids 15 & under) |

American Society of Engineers of Indian Origin, a non-profit organization

2018 ASEI National Convention Potential Keynote Speakers



Government Officials

- Jay Inslee, Maria Cantwell, Patty Murray, Pramila Jayapal

Corporate CEOs/VPs

- Boeing, Microsoft, Amazon, Google, Northrup Grumman, Lockheed Martin, Apple, more...

STEM Field Leaders

- Experts/Motivators from STEM fields

Past Notable Speakers



John Tracy
(CTO, Boeing Co.)



Sam Pitroda
(Telecom Inventor,
Policymaker)



Dr. Woodrow Whitlow
(Director of NASA)



2018 ASEI National Convention Past Notable Sponsors



American Society of Engineers of Indian Origin, a non-profit organization

www.aseiusa.org

www.aseiseattle.org



2018 ASEI National Convention Awards Programs

Corporate Excellence Recognition Program (presented at banquet dinner)

- Engineering Excellence, Service Excellence, Women Engineer, Outstanding Achievement, Young Engineer Award

ASEI National Awards Program (presented at banquet dinner)

- Engineer of Year, Entrepreneur of Year, Service Excellence, Lifetime Achievement

Student Scholarships Program (presented at lunch event)

- Undergraduate, Graduate, Kalpana Chawla



2018 ASEI National Convention Contact Info

- **Western USA Region**
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- **Eastern USA Region**
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