



ENGINEERING SHOWCASE

Presented by

 **RAINHOUSE**

Rainhouse is hosting the **4th Annual Engineering Showcase** event this fall.

This event was created to allow students in the engineering, STEM, and STEAM fields to showcase their innovative creations, including robotics, submarines, rockets, satellites, and many other. We work with our sponsors to fund the event and award at least three cash prizes to the student teams for their creations.

We will extend an invitation to the general public to view these talented students' innovations to increase awareness of engineering opportunities available in Victoria and create networking opportunities for students, the general public, and businesses. Everyone attending will be able to interact with the teams and vote for their favorite project.

Rainhouse has hosted these events with increasing attendance and formality for over ten years as it allows participants to enjoy a stress-free and friendly competition that spans a broad level of teams. For example, UVic teams compete with grade school teams. In the past, a talented art student team who designed a walking camper competed as well.

We are excited to see what students have created during the pandemic, so we want to give them a platform to showcase all their hard work.

Date: September 24th, 2021

Locations: The Roundhouse Car Shop - 253 Esquimalt Rd, Victoria BC

Event Timeline:

- 10 AM-12 PM: Volunteers and engineering teams set up
- 12 PM: Opening ceremony with welcome and keynote speakers.
- 4:30 PM: People's choice award voting closes, and ballots are counted.
- 4:45 PM: Award announcements ceremony closing.
- 5 PM: End of event
- 5 PM-7 PM: Clean up and takedown
- 7 PM: VIP event starts for sponsors and engineering teams.

VIP event will be held at the Victoria International Marina - 1 Cooperage Pl, Victoria BC

Why be part of this event?

Our Engineering Showcase is an excellent opportunity to promote engineering in the Victoria area.

- You will be supporting local students.
- It is an excellent opportunity to recruit talent as teams come prepared with resumes and are encouraged to pitch their skills to prospective employers.
- Participation of industry leaders in education and engineering solutions such as the University of Victoria and Babcock Canada.
- It is a great networking opportunity.
- Attendees will be part of the judging by casting their votes for the "people's choice" award.
- Past events were highly successful. Expected turnout is ~500 attendees.
- Local radio and media coverage
- Excess funds will be redirected to the teams in the form of future sponsorship.
- Central and convenient venue near downtown Victoria with close access to the VIP event location.

About Rainhouse

Rainhouse is a registered company that specializes in design and engineering needs from conceptual 'first of a kind' design support to product development for mass production and CNC manufacturing. The base of industries we serve include; technology, aerospace, transportation, defense, oceanography, science, and pharmaceuticals. Our 4 main divisions of business are: SMT (Surface Mount Technologies), Engineering, Contract Manufacturing, & CNC Machining.

Rainhouse understands the exceptional opportunity the region possesses from an engineering perspective. Manufacturing will continue to present household sustaining employment on Vancouver Island.

Rainhouse provides mentoring, design, and manufacturing guidance, assists with machining and electronics work, and collaborates with groups to launch projects. By supporting youth in our community, we strengthen our local economy and help build a better future. Rainhouse has nurtured innovative minds through this annual competition by committing over 20 hours every month all year round to provide Design and Manufacturing of ideas involving CNC machining and electronics. In the past years, the tangible benefits achieved by teams have been exposure to real-time and real-world precision manufacturing environments.

About the University of Victoria

The Mechanical Engineering Department at University of Victoria is known for its innovative research and excellent academic programs. The department includes 23 regular faculty members including three Canada Research Chairs. They have over 600 undergraduate students, 100 graduate students, and many adjunct faculty members, research personnel, and visiting researchers. Their cutting-edge research programs include advanced manufacturing and materials, aerospace engineering, biomedical engineering, alternate energy technologies, ocean engineering, and robotics. UVic's faculty also serve as advisors to over 13 student design teams that span the automotive, aerospace, and marine industries.

Sponsorship Options

We have several options available to meet your organization's needs for visibility and exhibiting:

BENEFITS	GOLD SPONSOR \$3,500	SILVER SPONSOR \$2,500	BRONZE SPONSOR \$1,500	INDUSTRY SUPPORTER \$500
Premium Exhibit Space	✓	✓	✓	✓
Keynote Speaker (Event opening)	✓	✓		
Prize Presenter	✓	✓	✓	
Mention on Website, Social media posts about the event	✓	✓		
Mention of sponsorship on official invitation	✓	✓		✓
Logo on main poster/banner	✓	✓	✓	✓
Live mention of the sponsorship at the event	✓	✓		
Entrance to VIP event	✓	✓		
Logo on event registration page and voting ballots	✓	✓	✓	✓

Cheques can be made payable in Canadian dollars to Rainhouse

QUESTIONS? Ray Brougham at 250-217-1733 or Daniela Sosa (250)381-6868 daniela@rainhouse.com

COVID-19 Disclosure

We are excited to return to pre-pandemic activities and events, and we will certainly be following health orders and public safety recommendations.

We are aware of the risks of planning this year's event as covid-19 cases increase due to new variants. However, we want to make efforts to return to normalcy in the safest way possible.

We have confirmed alternative dates in case we have to postpone the event from the original date. After almost two years of restrictions, it is essential to plan for the worst-case scenario and prepare to modify the original plan in order to adapt and still be able to innovate, create connections and be safe.

Public health officials communicated the surge in cases was expected as restrictions eased but they are confident the restart plan will continue its course as proposed.

2021's Engineering Showcase covid-19 considerations

- The event is planned on 50% venue's capacity. For the Roundhouse Car Shop, 50% capacity means 250 attendees.
- Masks and hand sanitizer will be available for participants, volunteers, and the general public.
- Covid-19 screening will be done at the point of entry
- Communicable disease prevention guidelines and requirements will be followed.

All attendees must adhere to the guidelines set out by Federal, Provincial, and Local government organizations and the event organizers – no exceptions. Event's date and guidelines are subject to change based on the Federal, Provincial, and Local governments and our guidelines are subject to change alongside.

IF THE ORIGINAL EVENT DATE IS POSTPONED, THE EVENT WILL BE MOVED TO A FUTURE DATE.

Participating Local Student Teams

