EV TECHNOLOGY AND
TRANSLATION SUMMIT

ISEVxTech 2026

PROGRAM



November 19 to 21, 2026

Aggie Square · UC Davis · Sacramento

DEMO INSTRUCTIONS & YOUR ROTATION

Scan the code or open the live demo schedule for group assignments. Rounds run about 25 minutes with a few minutes to move between booths.

CO-CHAIRS · RANDY CARNEY & AIJUN WANG

ORGANIZED BY THE INTERNATIONAL SOCIETY FOR EXTRACELLULAR VESICLES (ISEV)

THE TEAM

Organizing Committee

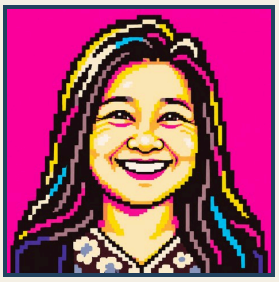
ISEVxTech 2026 is organized by the International Organizing Committee (IOC) below, with support from ISEV.



Randy Carney
CO-CHAIR



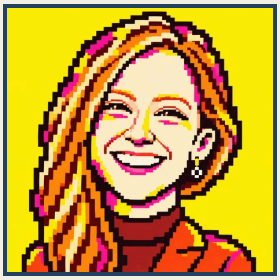
Aijun Wang
CO-CHAIR



Mỹ Mahoney
COMMITTEE



Carlos Salomon
COMMITTEE



Marley Dewey
COMMITTEE



Marie Morille
COMMITTEE



Mei He
COMMITTEE



Daniel Chiu
COMMITTEE



Troels Adrian
COMMITTEE



Patrick Cantini
COMMITTEE



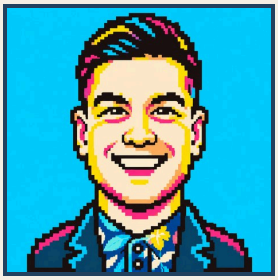
Anna Kolesov
COMMITTEE



Dustin Hadley
COMMITTEE



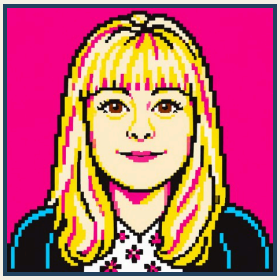
Andreas Möller
ISEV PRESIDENT ELECT



Naveed Akbar
ISEV CHAIR OF MEETINGS



Drew Whalen
ISEV



Maggie MacGillis
ISEV

8-bit avatars created by ChatGPT GPT-6.1 Sol

WELCOME

At a Glance

The International Society for Extracellular Vesicles (ISEV) is the global professional society for EV research. ISEVxTech 2026, its technology and translation summit, brings the EV community to Aggie Square for three days of talks, hands-on instrument demos, posters, and networking.

WHEN

Thursday November 19 to Saturday November 21, 2026. Registration opens 7:00 AM Thursday, 7:30 AM Friday, 8:00 AM Saturday.

WHERE

Aggie Square, 4480 2nd Ave, Ste 2300, Sacramento CA 95817. Talks in The Assembly; demos, posters and meals in the Vendor Hall.

WHO

About 250 researchers, trainees, clinicians and industry working across EV biology, diagnostics and therapeutics.

INFO

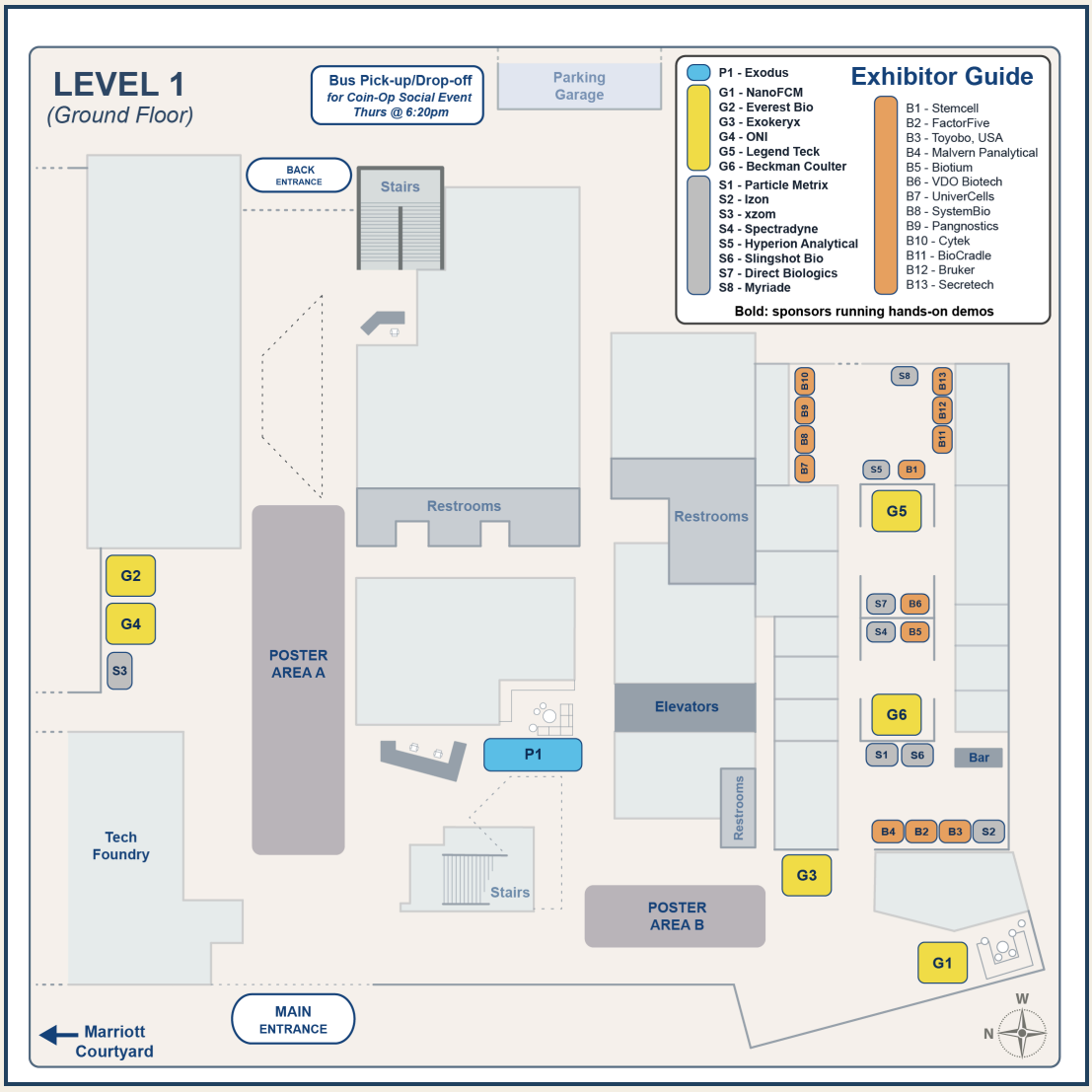
Program updates at isev.org/isevxtech. Questions and merch at the registration desk, main lobby second floor landing.

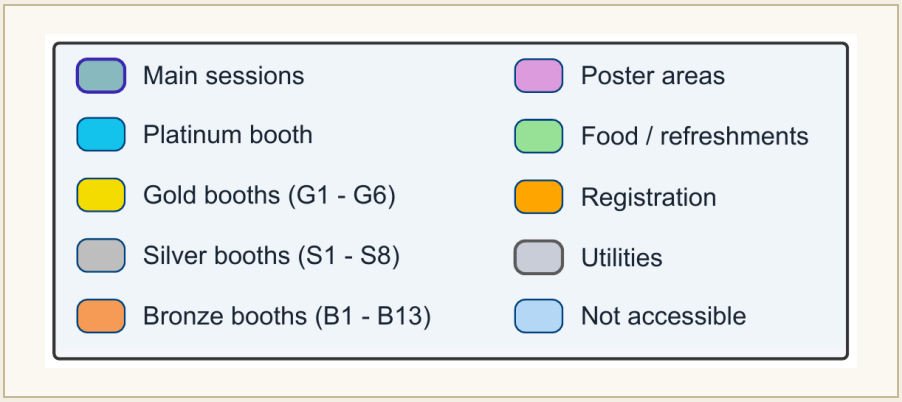
IN THIS PROGRAM

Organizing committee 02
Welcome & at a glance 03
Venue map · Level 1 04
Venue map · Level 2 & key 05
Program · Day 1 06
Program · Day 2 07
Program · Day 3 08
Industry Symposium 1 · EV Therapeutics 09
Industry Symposium 2 · EV Diagnostics 10
SNEV Career Development Panel 11
Sessions & speakers 12
Posters 13
Coin-Op networking event 15
Travel, parking & getting here 17
Dining guide 18
Sponsors & exhibitors 19
Logistics & contacts 20

VENUE

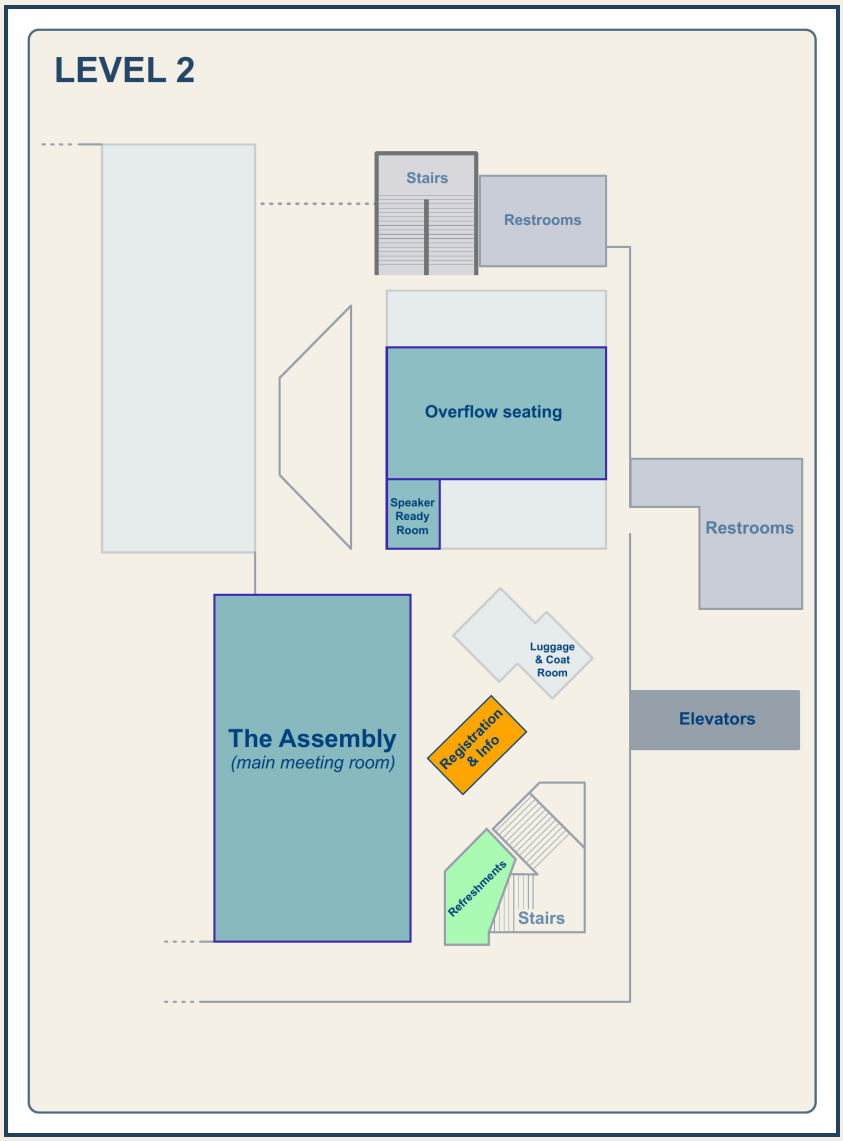
Vendor Hall & The Assembly





VENUE

Floor 2 · The Assembly



- Main sessions
- Platinum booth
- Gold booths (G1 - G6)
- Silver booths (S1 - S8)
- Bronze booths (B1 - B13)
- Poster areas
- Food / refreshments
- Registration
- Utilities
- Not accessible

DAY 1

Thursday, November 19

7:00 *Registration* · *Main lobby, second floor landing*

7:30 *Breakfast* · Vendor Hall

8:00 OPENING **Opening and Welcome** — Remarks from Chancellor Gary S. May (UC Davis), GSEC and Wexford; introductions by the ISEV President and meeting chairs · The Assembly

Session 1A · 8:30 to 9:45

Co-chairs: Aijun Wang, Samveda Pagay

8:30 **Meeting introduction**
Randy Carney and Aijun Wang · *UC Davis*

9:00 **SECrifuge: rapid, reproducible, clinically amenable EV and particle isolation from blood and tissue**
Navneet Dogra · *Icahn School of Medicine at Mount Sinai*

9:15 **Single-molecule sensitive digital flow cytometry**
Daniel Chiu · *University of Washington*

9:30 **Engineered mucin as a genetically encoded platform for EV biopolymer surface coatings**
Erik Chow · *UC Davis*

9:45 *Coffee break* · Vendor Hall

Session 1B · 10:15 to 11:15

Co-chairs: Daniel Chiu, Claire Woods

10:15 **Bottom-up, cell-free engineering of synthetic EVs**
Alessandra Arizzi · *UC Davis*

10:30 **Traceable particle concentration determination of EVs using multi-angle DLS**
Zoltán Varga · *Research Centre for Natural Sciences, Budapest*

10:45 **The SEC equation: benchmarking commercial SEC platforms for clinical EV biomarker discovery**
Rubia Noori · *Mayo Clinic, Rochester*

11:00 **Platinum Sponsor Highlight: Exodus** · *Exodus Bio*

11:15 PANEL **Panel 1 · EV Therapeutics Symposium** — Industry symposium · see page 09 · The Assembly

12:30 *Lunch* · Vendor Hall

14:00 HANDS-ON DEMOS **Hands-on technology demos · Session 1** — Rotating small-group sessions · see page 19
open the live demo schedule · Vendor Hall

16:00 DISTINGUISHED LECTURE **Distinguished Lecture in EV Translation · Raghu Kalluri** — The University of Texas Medical Branch · The Assembly



17:00 POSTERS **Poster Session 1** — with wine and cheese · Vendor Hall

18:20 *Bus to networking event* · *W entrance of Aggie Square*

18:30 SOCIAL **Networking Event and Dinner · Coin-Op Arcade** — Downtown Sacramento · Ticket required · see page 15

20:00 *Return bus* · *Round 1* · *Coin-Op to Aggie Square*

22:00 *Return bus* · *Round 2* · *Coin-Op to Aggie Square*

DAY 2

Friday, November 20

7:30 *Breakfast* · Vendor Hall

Plenary Session 1 · 8:30 to 9:45 PLENARY

Co-chairs: Randy Carney, Anna Kolesov



8:30 **Extracellular vesicles as cancer biomarkers: from discovery to clinical translation**
Fabrice Lucien · *Mayo Clinic, Rochester*

9:30 **Surfaceome-guided discovery of capture anchors for tissue-derived EV isolation**
Scheila Werle · *Novo Nordisk*

9:45 *Coffee break* · Vendor Hall

Session 2B · 10:15 to 12:00

Co-chairs: Mei He, Mariam El-Karim

10:15 **A non-invasive urinary EV liquid biopsy resolves the diagnostic blind spot in chronic kidney disease**
Yutaka Harita · *University of Tokyo Hospital*

10:30 **Immunoseparation of urine prostate EVs for prostate cancer diagnosis**
Yohan Kim · *Mayo Clinic*

10:45 **Quantitative measurement infrastructure for clinical translation of EV biomarkers**
Juan Hinestrosa · *Xzom*

11:00 **Optimization of nebulization parameters for enhanced pulmonary delivery of EVs**
Marie Morille · *University of Montpellier*

11:15 **Decoding health states of cardiomyocytes via quantitative analysis of circulating EVs**
Nan Jiang · *City of Hope*

11:30 **Single-vesicle resolution uncovers distinct subpopulations of umbilical cord MSC-derived EVs**
Juan Falcón Pérez · *CIC bioGUNE*

11:45 **Flex time**





12:00 PANEL **Meet the Editors · JEV & JExBio** — Journal of Extracellular Vesicles & Journal of Extracellular Biology · see page 11 · The Assembly

12:30 *Lunch* · Vendor Hall

13:00 PANEL **Career Development Panel** — Hosted by SNEV, during lunch · The Assembly

14:00 HANDS-ON DEMOS **Hands-on technology demos · Session 2** — Rotating small-group sessions · see page 19
open the live demo schedule · Vendor Hall

16:00 PANEL **Panel 2 · EV Diagnostics Symposium** — Industry symposium · see page 10 · The Assembly

17:30 POSTERS **Poster Session 2** — 17:30 to 19:00, with wine and cheese · Vendor Hall

19:00 *Dinner · On your own · see the dining guide, page 18*

DAY 3

Saturday, November 21

7:30 *Breakfast* · Vendor Hall

Plenary Session 2 · 8:30 to 9:45 PLENARY

Co-chairs: Marie Morille, Luis Contreras Llano



8:30 **Turning MSC-sEV biology into clinical therapeutics**
Sai-Kiang Lim · *Paracrine Therapeutics; National University of Singapore*

9:30 **Isolation optimization of matrix-bound nanovesicles and liquid-phase EVs from MSC in vitro sheets**
Andrew White · *UC Santa Barbara*

9:45 *Coffee break* · Vendor Hall

10:00 HANDS-ON DEMOS **Hands-on technology demos · Session 3** — Rotating small-group sessions · see page 19

open the live demo schedule · Vendor Hall

12:30 *Lunch* · Vendor Hall

Session 3B · 13:45 to 14:30

Co-chairs: Marley Dewey, Pujan Desai

13:45 **PalmSORBET maps size-dependent organotropism of co-circulating EVs for subpopulation-selective delivery**
Anthony Wu · *Academia Sinica*

14:00 **Engineered red blood cell EVs for RNA delivery: from manufacturing to validation in liver fibrosis**
Benedetta Bussolati · *University of Turin*

14:15 **Restoration of diabetes-suppressed miRNA signaling by EVs enhances vascular and cutaneous regeneration**
Dong Jun Park · *Jeonbuk National University*

14:30 *Coffee break* · Vendor Hall

Session 3C · 14:45 to 15:30

Co-chairs: Mỹ Mahoney, Alessandra Arizzi

14:45 **Microalgal EVs bridging dermocosmetics and skin regenerative medicine**
Antonella Bongiovanni · *CNR-IRIB, Palermo*

15:00 **Cosmetic EVs: science or marketing?**
Rob Knight · *Cellese*

15:15 **Single-particle Raman spectroscopy resolves molecular EV states after acute myocardial infarction**
Naveed Akbar · *University of Oxford*

15:30 AWARDS & CLOSE **Poster Awards and Meeting Close** — Two top prizes: free registration to ISEV 2027, Busan, Korea · The Assembly

INDUSTRY SYMPOSIUM 1

EV Therapeutics

Company presentations and interview-style panels, organized with the ISEV Translation, Regulation and Advocacy (TRA) Committee. Each company presents its commercialization strategy and product status in about five minutes, before a moderated panel.

Day 1 · Thursday, November 19 · 11:15 to 12:30 · The Assembly



Dr. Yu Fujita CHAIR
Symposium chair



Prof. Carlos Salomon MODERATOR
Panel moderator · ISEV TRA Committee

11:15 **Welcome and introduction**
Dr. Yu Fujita, Symposium Chair

11:25 
Dr. Huilan Lin
Capricor Therapeutics, San Diego CA

11:30 
Dr. Rob Knight
VP Research & Clinical Development, Cellese Inc., Irvine CA

11:35 
Prof. Sai-Kiang Lim
Chief Scientist, Paracrine Therapeutics, Singapore

11:40 
Dr. Kevin Hicok
VP R&D, Direct Biologics, USA

11:45 
Dr. Bethany Grant
CTO, Selas Bio, Boston MA

11:50 
Ali İmran Dastan
Researcher, STEMBIO Stem Cell Technologies, Turkey

11:55 **Panel · Challenges of EV translation: therapeutics** PANEL · 35 MIN
Moderated by Prof. Carlos Salomon, with Prof. Sai-Kiang Lim, Dr. Huilan Lin, Dr. Rob Knight and Dr. Kevin Hicok. Audience questions welcome.

12:30 **End of Symposium 1**

INDUSTRY SYMPOSIUM 2

EV Diagnostics

Company presentations and interview-style panels, organized with the ISEV Translation, Regulation and Advocacy (TRA) Committee. Each company presents its commercialization strategy and product status in about five minutes, before a moderated panel.

Day 2 · Friday, November 20 · 16:00 to 17:25 · The Assembly



Prof. Carlos Salomon MODERATOR
Panel moderator · ISEV TRA Committee



Dr. Toumy Guettouche CHAIR
Symposium chair · Mercy BioAnalytics, Natick MA

16:00 **Welcome and introduction**
Dr. Toumy Guettouche, Symposium Chair

16:10 

Dr. Toumy Guettouche SPECIAL TALK
Chief Scientific Officer, Mercy BioAnalytics, Natick MA
The road to regulatory approval for blood-based cancer screening: lessons from the FDA review of a multi-cancer early detection test

16:20 

Dr. Juan Pablo Hinestrosa
VP Research & Data Science, Xzōm, USA

16:25 

Dr. Erez Eitan
Chief Scientific Officer, NeuroDex Inc., USA

16:30 

Dr. Toumy Guettouche
Chief Scientific Officer, Mercy BioAnalytics, Natick MA

16:35 

Prof. Tijana Jovanovic-Talisman
Beckman Research Institute, City of Hope, USA

16:40 

Dr. Clayton Deighan
VP Commercial, Exokeryx, San Diego CA

16:45 

Dr. Matthias Hackl
CEO and CSO, TAmiRNA GmbH, Vienna, Austria

16:50 

Dr. Scheila Werle
PhD Student, Novo Nordisk, Denmark

16:55 **Panel · Challenges of EV translation: diagnostics** PANEL · 30 MIN
Moderated by Prof. Carlos Salomon, with Dr. Juan Pablo Hinestrosa, Dr. Erez Eitan, Dr. Toumy Guettouche and Dr. Matthias Hackl. Audience questions welcome.

17:25 **End of Symposium 2**

CAREER DEVELOPMENT

SNEV Career Development Panel

A career-development session hosted by SNEV, the Student Network on Extracellular Vesicles. Four panelists share paths across academia, industry and translation, with open audience Q&A. Grab lunch during the 12:30 to 1:00 PM break and head back into The Assembly for the panel.

Day 2 · Friday, November 20 · 13:00 · The Assembly



Anna Kolesov
SNEV representative on the IOC · panel moderator
Welcome and framing



Kevin Hicok
Direct Biologics



Navneet Dogra
Icahn School of Medicine at Mount Sinai



Clayton Deighan
Exokeryx, San Diego CA



Marie Morille
University of Montpellier

Panel · Early-career paths in EV science PANEL
Moderated by Anna Kolesov. Open Q&A across academia, industry and translation.

PUBLISHING

Meet the Editors

Sit down with the editors of the field's two ISEV journals. An open chance to meet them and talk through publishing strategy, themed issues, scope and review, and getting your work into the **Journal of Extracellular Vesicles (JEV)** and the **Journal of Extracellular Biology (JExBio)**.

Day 2 · Friday, November 20 · 12:00 · The Assembly



Prof. Andrew Hill
Editor-in-Chief · Journal of Extracellular Biology (JExBio)



Dr. Jennifer Jones
Editor-in-Chief · Journal of Extracellular Vesicles (JEV)

FEATURED

Sessions & Speakers

The marquee talks across the three days, and all the industry symposia panelists.



Raghu Kalluri

DISTINGUISHED LECTURE IN EV TRANSLATION

The University of Texas Medical Branch

Thursday 4:00 PM · The Assembly



Fabrice Lucien

PLENARY 1 · EVS AS CANCER BIOMARKERS

Mayo Clinic, Rochester

Friday 8:30 AM · The Assembly



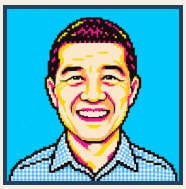
Sai-Kiang Lim

PLENARY 2 · MSC-SEV THERAPEUTICS

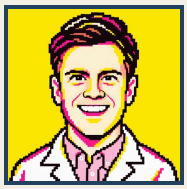
Paracrine Therapeutics; National University of Singapore

Saturday 8:30 AM · The Assembly

INDUSTRY SYMPOSIA · PANELISTS



Huilan Lin
Capricor Therapeutics



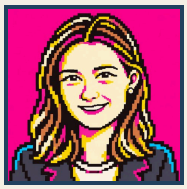
Rob Knight
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Bethany Grant
Selas Bio



Scheila Werle
Novo Nordisk



Ali İmran Dastan
STEMBIO



Juan Pablo Hinestrosa
Xzōm



Erez Eitan
NeuroDex



Johan Skog
Exosome Diagnostics



Tijana Jovanovic-Talisman
City of Hope



Clayton Deighan
Exokeryx



Matthias Hackl
TAmiRNA

POSTERS

Poster Session 1

Thursday, 5:00 PM, Vendor Hall, Poster Areas A and B.

POSTER INSTRUCTIONS

- You do not need to upload your poster prior to arriving. You are responsible for printing your physical poster and bringing it to the meeting.
- Posters should be displayed in portrait orientation and not exceed 80 cm (W) × 120 cm (H).
- Please use a clear typeface. The poster should be readable from a distance of 2 to 3 meters.
- Posters will be affixed with pushpins to free-standing presentation displays, both provided by the venue.
- Check your poster number below to find where to hang your poster.
- Please stand by your poster during the designated poster session above.

EV icon marks a junior member — student, trainee or postdoc.

P1 David Stachura · *XYTOGEN BIOTECH* — Validation of stabilized extracellular vesicles in lyobeads for use in cosmetic skincare

P2 Jennet Hojanazarova · *Harvard University* — Sequencing RNA from extracellular vesicles to read-out transcriptomes of inaccessible cells

P3 Aslan (Mehdi) Dehghani · *Sartorius Stedim North America* — Bioprocess Design and Optimization of Extracellular Vesicles Derived from Mesenchymal Stromal Cells

P4 Catalijne Wessels — A minimal lipidation peptide enables efficient and flexible protein cargo encapsulation in small extracellular vesicles

P5 Marie Maumus · *INSERM* — Importance of the bioproduction process on the functional activity of extracellular vesicles (EV) produced by iPSC-derived mesenchymal stromal cells (MSC).

P6 Lorena Martin-Jaular · *Institut Curie* — Helping development of new projects on Extracellular Vesicles through a dedicated core facility at Institut Curie

P7 Soroush Kargar · *University of Massachusetts Boston* — Toward integrated fluorescence and microfluidic mechanophenotyping of single extracellular vesicles

P8 Marcell Pálmai · *HUN-REN Research Centre for Natural Sciences* — Low-MESF fluorescent silica particles for extracellular vesicle flow cytometry

P9 Lina Antounians · *The Hospital for Sick Children* — Antenatal administration of amniotic fluid stem cell extracellular vesicles rescues fetal lung vascular development by modulating YAP expression via delivery of lncRNA TUG1

P11 Michelle Pleet · *NCI/NIH* — Multiomic profiling of EVs from wild-type Epstein-Barr virus-transformed B-cells reveal host DNA and EBV EBER1 ncRNA export

P12 Wendy Campana · *UC Davis* — Peripheral nerve derived extracellular vesicles are dynamically regulated in chemotherapy induced painful peripheral neuropathy

P13 Frances Reynolds · *University of Virginia* — Urinary EV and particle characterization via fluorescent nanoparticle tracking analysis before and after a 16-week exercise intervention in metabolic syndrome

P14 Matthias Hackl · *TAmiRNA GmbH* — Immunoaffinity enrichment of neuron-, platelet-, and liver-derived extracellular vesicles for cell-type specific microRNA biomarker analysis in human plasma

P15 Lan-Chi Vo · *UC Davis* — Metastatic Head and Neck Squamous Cell Carcinoma-Derived Extracellular Vesicles Facilitate Tumor Growth and Metastatic Niche Formation

P16 Terry Morgan · *OHSU* — Placental Cell-Specific Extracellular Vesicle (EV) Changes Throughout Gestation Quantitated by Nanoscale Flow Cytometry

P17 Linshen Zhang · *Technical University of Munich* — Extracellular Vesicle-Derived Small RNAs Reveal Reversible Dysregulation of Inflammatory Signaling Pathways in Obstructive Sleep Apnea

P18 Antonella Bongiovanni · *Institute for Biomedical Research and Innovation (IRIB) National Research Council (CNR) of Italy* — A novel liquid biopsy strategy based on circulating extracellular vesicle bioactivity as a functional biomarker to detect hematological malignancies

P19 Emily Bauer · *Mayo Clinic Rochester* — Next generation PSMA-ELISA assay for prostate cancer liquid biopsy

P20 Julie Saugstad · *Oregon Health & Science University* — Dysregulation of extracellular vesicle concentration, microRNAs, and surface proteins in patients with Niemann-Pick disease type C

P21 Mỹ Mahoney · *Thomas Jefferson University* — Translational Potential of Engineered IFNgamma-positive Extracellular Vesicles Inhibiting JAK/STAT1 Pathway

P23 Tamás Beke-Somfai · *Research Centre for Natural Sciences, Budapest* — Automated EV isolation and detection with single photon counting

P25 Daniel Levy · *University of California - San Francisco* — Engineering gram-positive bacterial extracellular vesicles for tracking biodistribution and therapeutic delivery

P26 Ching-An Peng · *University of Idaho* — Arabidopsis-derived extracellular vesicles engineered to deliver myrosinase-encoding plasmids exhibit anticancer activity

P28 Tal Gilboa · *Everest Biolabs* — An Integrated EV Biomarker Discovery Pipeline: From Untargeted Proteomics to Surface Protein Colocalization Assays

P29 Antonin Marquant · *Karolinska Institutet* — AAV-mediated in situ production of glucocerebrosidase-loaded extracellular vesicles

P30 Erik Chow · *University of California, Davis* — Glycocalyx MUC1 overexpression drives secretion of extracellular vesicles enriched in a plasma membrane-budding & cortical actin remodeling signature

P31 Beata Pyrzynska · *Medical University of Warsaw* — Phospholipid and sphingolipid changes correlate with the rearrangement of the CD20 antigen on tumor-derived EVs, benefiting lymphoma immunotherapy.

P32 Anna Kolesov · *Northwestern University* — Developing a high yield production method and biomimetic migration assay for the functional studies of migrasomes

P33 Bethany Grant · *SelasBio* — Scalable engineering and quantitative cargo loading of extracellular vesicles for therapeutic applications

P34 Yumi Kumagai · *Juntendo University* — EV engineering through enhanced biogenesis and antimicrobial peptide loading to improve therapeutic efficacy in sepsis

P35 Mariam El-karim · *ucdaivs* — Engineering synthetic vesicles as reference materials of natural extracellular vesicles

P36 Kazuki Kawajiri · *The Jikei University School of Medicine* — Development of glycan-engineered Hybrid-EVs for lung cancer-targeted nucleic acid delivery

P37 Devashree Vakil · *UNSW* — Repeated intravenous dosing of human iMSC-derived extracellular vesicles exhibits minimal immunogenicity and supports clinical translation

P38 Carlos Jesus · *Centre for Innovative Biomedicine and Biotechnology, University of Coimbra* — Extracellular vesicles attached to a responsive transporter boosts cardiac targeting and therapeutic effect

P39 Claire Woods · *University of California, Davis* — HDL particle size governs blood-brain barrier permeability and anti-inflammatory function: implications for extracellular vesicle-based brain delivery

P40 Seung Ah Choi — Three-Dimensional Intravital Imaging Enables Quantitative Evaluation of Therapeutic Extracellular Vesicle Distribution in an Orthotopic Medulloblastoma Model

P41 Nykia Walker · *University of Maryland, Baltimore County* — Can Extracellular Vesicle Potency Be Defined by the Regulatory Networks They Encode?

P42 Kaitlin Clark · *UC San Francisco* — Canine placental mesenchymal stromal cell-derived extracellular vesicles as a translational platform for extracellular vesicle therapeutics in neurological disease

POSTERS

Poster Session 2

Friday, 5:30 to 7:00 PM, Vendor Hall, Poster Areas A and B.

◎ *EV icon marks a junior member — student, trainee or postdoc.*

P46 Kaitlin Clark ◎ · *UC San Francisco* — Integrin-directed surface engineering of placental mesenchymal stromal cell-derived extracellular vesicles for targeted therapy in multiple sclerosis

P49 Andrew Wang ◎ · *UC Davis Health* — Engineered Integrin-functionalized Hydrogel Enhances Mesenchymal Stem Cell-derived Extracellular Vesicle Production and Regenerative Bioactivity

P50 David Moccia · *Univercells Technologies* — Fixed-bed bioreactor culture enhances yield, quality, and manufacturing economics of mesenchymal stem cell-derived extracellular vesicles

P51 Kelli Mullane ◎ · *Direct Biologics+'[Book2]MAKE A COPY - Screening Matrix'!$F$22:$F$62* — Using single-molecule fluorescence imaging to support CQA development for a BM-MSC-derived EV enriched secretome therapeutic

P52 Marie Maumus · *INSERM* — OBBI: a unique pioneering infrastructure dedicated to the bioproduction of organoids and extracellular vesicles

P53 Danièle Noël — Extracellular vesicles from adipose mesenchymal stromal cells are functionally deficient in patients with systemic sclerosis

P54 Aslan (Mehdi) Dehghani · *Sartorius Stedim North America* — Equipment Free Downstream Process Capable of Enrichment of Extracellular Vesicles and Depletion of Non-Vesicular Extracellular Particles

P55 Aslan (Mehdi) Dehghani · *Sartorius Stedim North America* — Towards Manufacturing-ready MSC Extracellular Vesicles: A Reproducibility Assessment of a Standardized Downstream Processing Platform

P57 Carlo Ledesma · *Cellestiq Lab, LLC* — Stabicyte: A Perfusion-Based Transport Platform for Real-Time Preservation and Predictive Yield Forecasting of Birth Tissue-Derived Extracellular Vesicles

P59 Huilan Lin · *Capricor Therapeutics* — Development of a Platform Manufacturing Process for Engineered Exosomes from HEK293 cells

P60 Paolo Neviani · *Children's Hospital Los Angeles* — Orthogonal evaluation of a novel automated dielectrophoresis platform for extracellular vesicle isolation

P62 Ching-Fang Chang · *Exodus Bio* — EXODUS: A Scalable Platform for Translational Extracellular Vesicle Manufacturing

P64 Caitlin McAtee · *Exokeryx* — Standardizing conditioned media concentration to maximize extracellular vesicle yield on Demeter EVPrep

P66 Pujan Desai ◎ · *University of California, Davis* — An open-source deep learning workflow for automated detection, sizing, and morphological classification of extracellular vesicles in cryo-EM

P67 Samveda Pagay ◎ · *University of California, Davis* — Development and standardization of functional assays for investigating extracellular vesicular biology across tumor types

P68 Tijana Jovanovic-Talisman · *Beckman Research Institute-City of Hope* — SEVEN-MAX: user-friendly single extracellular vesicle imaging platform

P69 Andreas Wallucks · *McGill University* — From prototype to deployable platform: purification-free, multiplexed single-EV analysis by SPFI

P71 Tamás Beke-Somfai · *Research Centre for Natural Sciences, Budapest* — Microscale thermophoresis quantifies fluorophore-dependent antibody binding to extracellular vesicles

P72 Angela Zivkovic · *University of California Davis* — Charge detection mass spectrometry as an enabling technology to resolve structural heterogeneity in lipoprotein and extracellular vesicle nanoparticles

P73 Nea Korvenlaita · *Johns Hopkins University* — Complementary broad and targeted single-EV approaches for extracellular vesicle surface protein profiling and marker discovery

P74 Priyanka Dutta Gupta · *University of Chicago* — A nucleic acid labeling chemistry reveals surface DNA on extracellular vesicles

P75 Yeoan Youn · *ONI* — Expanding Multiplexed Extracellular Vesicle Characterization Using Aplo Flow Automated Fluidics and Super-Resolution Imaging

P76 Sudip Saha · *Xzom, Inc.* — Beyond Surface Biomarkers: Direct Quantitative Access to Luminal Extracellular Vesicle Proteins in Intact EVs

P78 Eunju Seong · *Streck LLC* — Establishing practical plasma processing conditions for reproducible extracellular vesicle profiling

P79 Zoe Enders · *UC Davis Health, Department of Surgery, Center for Bioengineering in Medicine* — Longitudinal Tracking of Glyco-Engineered Therapeutic EVs After Intra-Amniotic Delivery in Rodent Congenital Diaphragmatic Hernia

P80 Yuliia Khmelnytska ◎ · *Medical center "M.T.K.", BU "Reocell"* — A Study of the Stability Dynamics of Extracellular Vesicles from Mesenchymal Stem Cells Over 12 months Under Conditions of Accelerated Artificial Aging

P81 Shrimathi Venugopalakrishnan ◎ · *University of Massachusetts Dartmouth* — What makes an isolation protocol reproducible? Decisions shaping EV isolation and characterization from 2D and 3D cultures of SKOV3

P83 Jai Patel · *University of California Davis* — Optimization of an nFCM workflow for characterization of EVs from equine CSF

P84 Gianna Slusher ◎ · *Georgia Institute of Technology* — Towards a fully integrated microfluidic platform (μSiEV) for EV separation, size-resolved sorting, enrichment and characterization

P85 Samuel Emerson ◎ · *UC Davis* — Enzymatic Glycoengineering for Surface Modification of Placental Mesenchymal Stromal Cell-derived Extracellular Vesicles (PMSC-EVs)

P86 Samuel Tia · *Slingshot Biosciences* — Refractive index-matched synthetic EV mimics for performance qualification and direct size estimates in nanoscale flow cytometry

P87 Serena Gumusoglu · *University of Iowa Healthcare* — Placental extracellular vesicles are selectively taken up by fetal brain microglia in vivo

P89 Piyush Bhanu — BioTranslate: A Multi-omics Assessment Framework for Extracellular Vesicle Biomarker Translation

★ POSTER AWARDS ★

Two top prizes, each a free registration to ISEV 2027 in Busan, Korea. Winners announced at the Saturday meeting close. Only junior ISEV members (marked ◎) are eligible.

Judged on five equally weighted criteria, 1 to 3 points each (15 max): Background & Significance · Innovation · Approach & Methods · Results & Conclusions · Poster Appearance & Presentation.

THURSDAY NIGHT

Networking at Coin-Op

The Thursday networking dinner takes over Coin-Op Game Room on K Street downtown: an arcade bar with classic cabinets, pinball, air hockey and a full kitchen. Food, the first few drinks, and free game credits all night long are on us. Ticket required; a limited number of tickets are available to purchase on site at the registration desk for $50.

GETTING THERE

Buses leave the W entrance of Aggie Square at 6:20 PM. Event runs 6:30 PM to 10:30 PM.

GETTING BACK

Return buses in two rounds, 8:00 PM and 10:00 PM, from Coin-Op to Aggie Square.







SOCIAL EVENT PROUDLY SPONSORED BY

ONi

ON-SITE FACILITIES

Lab & Facility Tours

Two UC Davis facilities at Aggie Square are opening their doors to ISEVxTech attendees. Both are a short walk from The Assembly.

INSTITUTE FOR REGENERATIVE CURES

While you're in Sacramento for ISEVxTech, take a behind-the-scenes tour of the UC Davis Institute for Regenerative Cures (IRC), one of the country's leading translational hubs for cell and gene therapy and a few minutes' walk from Aggie Square. The IRC spans the Stem Cell Core, Gene Therapy Core, Vivarium, the Alpha Stem Cell Clinic (which runs the cell and gene therapy clinical trials), and an in-house GMP manufacturing facility.

The **GMP Manufacturing Facility** runs two guided tours on **Thursday, November 19**, during Hands-on Tech Demo Session 1, leaving at **2:00** and **2:30 PM**. Each group takes up to **10 people**. Austin Mogen meets the group by the large ISEVxTech letters sign in the lobby and walks you over.

RESERVE YOUR SPOT

Scan the code or open the sign-up sheet and add your name to an open slot under one tour. 10 spots per tour, first come, first served.

*Tour contact · **Austin Mogen, PhD**, CGT Program Officer & Business Development Director, UC Davis Health*

UC DAVIS TECH FOUNDRY

The Tech Foundry runs three guided tours on **Friday, November 20**, at **2:00**, **2:20** and **2:40 PM**. Each group takes up to **14 people**, first come, first served. The Tech Foundry is on the Level 1 map (page 04).

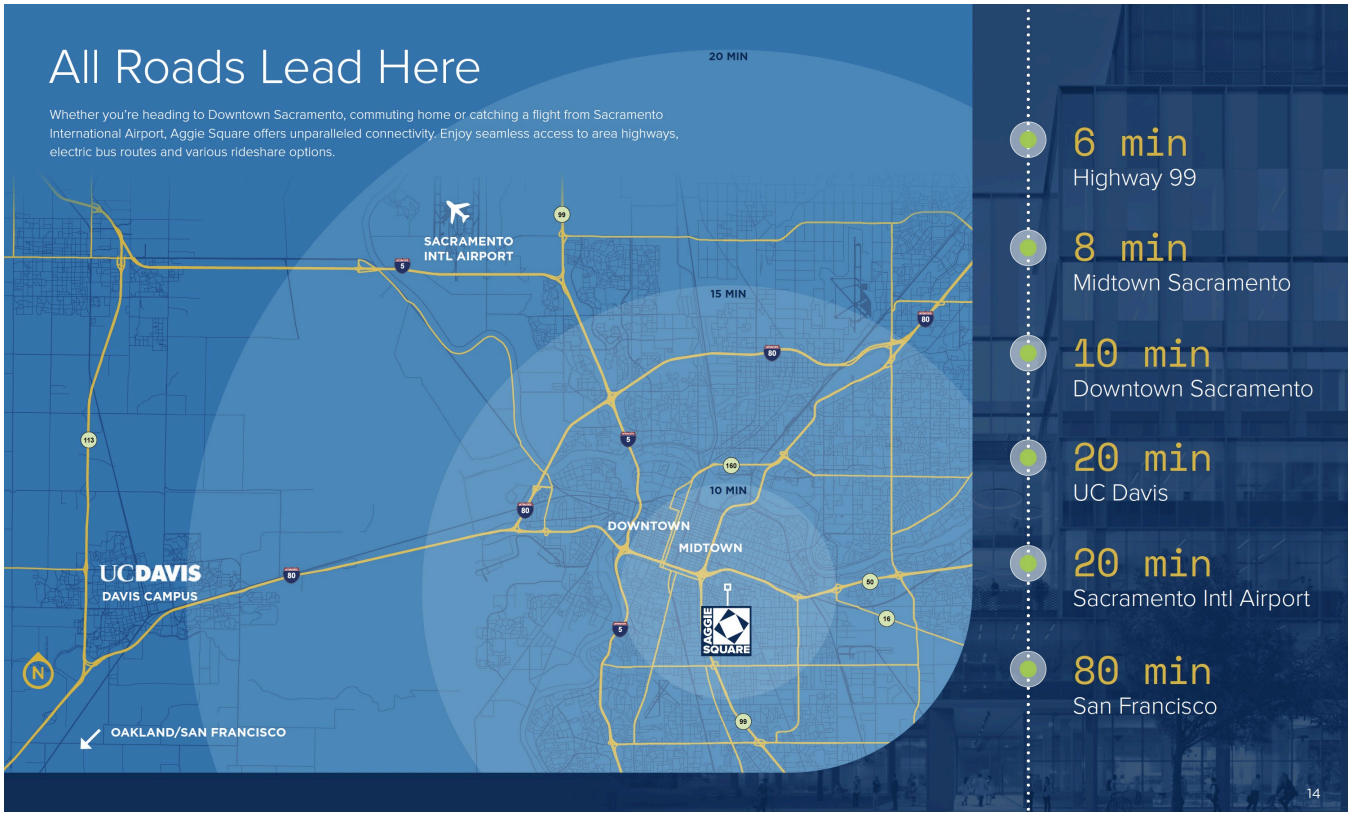
RESERVE YOUR SPOT

Scan the code or open the sign-up sheet and add your name to an open slot under one tour. 14 spots per tour, first come, first served.

*Tour contact · **Hayley Kumagai**, Engineer, UC Davis Tech Foundry*

GETTING HERE

Travel, Parking & Getting Around



From the airport. Sacramento International (SMF) is about 15 miles north, roughly 20 minutes by car, with direct access to Highway 50. Rideshare and taxi pick up on the Arrivals level; Uber and Lyft to Aggie Square typically run $40 to $55. Driving, take I-5 South to US-50 East toward Downtown, then exit toward the UC Davis Health campus.

Farther out. San Francisco (SFO) and Oakland (OAK) are about 90 minutes west by car for more international connections.

ADDRESS

Aggie Square, UC Davis · 4480 2nd Ave, Ste 2300 · Sacramento, CA 95817

PARKING

Aggie Square Garage — HonkMobile, Zone ASGC, $5.50/day. HID mobile entry.

Lot 30 Auxiliary (gravel) — ParkMobile, Zone 42201, $3.29/day.

Rates need a @ucdavis account. No parking validation at registration.

WI-FI

Eduroam, or the Aggie Square guest network.

BUSES TO COIN-OP

Thursday, out 6:20 PM from the W entrance. Returns 8:00 & 10:00 PM.

EAT & DRINK

Dining Guide

Sacramento calls itself America's Farm-to-Fork Capital, and the area around Aggie Square backs it up. A starter list below, from quick coffee near campus to a proper Midtown dinner. Hours shift, so check before you go, especially early in the week.

NEAR CAMPUS Oak Park & Broadway · walk to 5 min

Old Soul at 40 Acres	Coffee roaster and bakery in a leafy Oak Park courtyard	*Broadway*
Oak Park Brewing Co.	Neighborhood brewpub, burgers and shared plates	*Broadway*
Tower Cafe	Global comfort food under the landmark Tower Theatre sign	*Broadway at Land Park*
Gunther's Ice Cream	1940s Sacramento institution for cones and sundaes	*Franklin Blvd*
Freeport Bakery	Classic pastries, cakes and quick breakfast	*Freeport Blvd*
Sunshine Cafe	Simple breakfast and lunch across from the med center	*Stockton Blvd*

MIDTOWN About 10 minutes by car or rideshare

Mulvaney's B&L	Farm-to-fork fine dining in a historic firehouse	*19th & L*
The Waterboy	French and Italian, a Sacramento farm-to-fork anchor	*20th & Capitol*
Kru	Well-regarded sushi and Japanese	*S & 27th*
Cantina Alley	Lively Mexican, tacos and margaritas	*J & 24th*
Temple Coffee Roasters	Specialty coffee, strong espresso	*S & 29th*
Burgers and Brew	Casual burgers, late hours	*21st & S*

DOWNTOWN & OLD SACRAMENTO About 10 to 15 minutes

Coin-Op Game Room	The Thursday networking venue, arcade bar and kitchen	*K Street*
Ella Dining Room & Bar	Upscale seasonal American	*K & 12th*
Frank Fat's	Classic Chinese, a capitol-era institution	*L & 8th*
Empress Tavern	American grill beneath the Crest Theatre	*K Street*
Cafeteria 15L	All-day American and brunch	*15th & L*

Distances are rough drive times from Aggie Square. The Thursday networking dinner is at Coin-Op downtown (ticket required, see page 15).

THANK YOU

Sponsors & Exhibitors

ISEVxTech 2026 is powered by the companies below, grouped by tier. Fourteen hands-on demo stations run in the Vendor Hall as a timed carousel, so every group sees every station; the rest exhibit in the hall. Particle Metrix and Slingshot Bio share a joint station (S1/S6), running Slingshot EV controls live on a Particle Metrix NTA system. Find each booth on the Level 1 map (page 04).

PLATINUM · DEMO STATION

EXODUS

GOLD · DEMO STATIONS

nanoFCM

EXOKERYX

LEGEND TECK

Beckman Coulter Life Sciences

ONi

everest biolabs

SILVER · DEMO STATIONS

Particle Metrix

Xzom

Spectradyne

Hyperion Analytical

IZON

SlingshotBio™

MGA Technologies

Direct Biologics

BRONZE · EXHIBITORS

Malvern Panalytical

STEMCELL™ Technologies

UNIVERCELLS Technologies

TOYOBO

biotium

VDO BIOTECH

CELLBIO SCIENTIFIC

Pangnostics

CYTEK®

BioCradle™ Cellulose Macroporous Microcarriers

FACTORFIVE + HUMAN STEM CELL FACTORS

BRUKER

secretech

DEMO INSTRUCTIONS & YOUR ROTATION

Scan the code or open the live demo schedule for group assignments. Rounds run about 25 minutes with a few minutes to move between booths.

GOOD TO KNOW

Logistics & Contacts

REGISTRATION

Main lobby, second floor landing. Thursday 7:00 AM to 5:00 PM, Friday 7:30 AM to 5:00 PM, Saturday 8:00 AM to 2:00 PM. Badges, merch and general questions.

BADGES

Wear your badge for all sessions, demos and meals. The networking dinner needs a separate ticket; a limited number are available to purchase on site at the registration desk for $50.

WI-FI

Connect to Eduroam, or the Aggie Square guest network.

CODE OF CONDUCT

ISEV's meeting code of conduct applies. Report concerns to any organizer or the registration desk.

DEMOS

Scan the QR below or open your rotation. Rounds are about 25 minutes; move promptly between booths.

ONLINE

Program updates and contacts at isev.org/isevxtech.

DEMO INSTRUCTIONS & YOUR ROTATION

Scan the code or open the live demo schedule for group assignments. Rounds run about 25 minutes with a few minutes to move between booths.



MERCH · REGISTRATION DESK

Limited-edition shirts

The official **retro arcade style ISEVxTech conference shirts**, sold here only and for a limited time. First come, first served: we have about **50 shirts** at **$50 each**, plus hats and pins, at the registration desk.

SEE YOU AT AGGIE SQUARE

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