

6th Innovators Showcase @ UC Davis

January 27, 2022

SHORT PRESENTATIONS

January 28 – February 4, 2022

ONLINE COMPANY VISITS

See schedule at www.seedcentral.org/innovators

AFINGEN

AGEYE



Aware 366 LLC

Beeflow
Smart Pollination

BEWHERE

BioConsortia

**BIOME
MAKERS**

brightseed

ceres

CLIMATE AI

computomics
Precision Biology Based Data Analytics

Dinics

FloraPulse

Fortiphyte

GreenVenus
Accelerating the Green Revolution™

healthycrop.world
Towards pesticide-free agriculture

HUDSON RIVER
Bio technology

IMPETUS AG

inSight Labs

INNATRIX

INTRINSYX BIO

MATRUBIALS

MyFloraDNA

NAPIGEN

pairwise

**PERSISTENCE
DATA MINING**

PHENOSPEX
Smart Plant Analysis



plantDitech
functional phenotyping

plantik

QualySense

regrow

SeedLinked

SPECTRAL SOLUTIONS

UNFOLD

VIVENT
Harnessing biosignals for the future

AgStart



Life Science Innovation Center
UC DAVIS

6th Innovators Showcase @ UC Davis

Featured sponsor



Abigail Stack
Bayer Science Fellow
Discovery Pathology Research Lead
Bayer Vegetable Seeds
abigail.stack@bayer.com
www.vegetables.bayer.com



As an innovative vegetable seed company who's also a world leader in human health and nutrition and horticulture, we are driven to deliver health for all and hunger for none.

Online company visit on Wednesday, February 2 at 2:00 PM Pacific time
<https://us04web.zoom.us/j/71502274009?pwd=CwnGUUMvzmk2OWaEzDohcQvHIIdWeoA.1>

Incubators in the greater Davis area



Janine Elliott
Associate Director, UC Davis Venture Catalyst
jafelliott@ucdavis.edu
[Website](#)



The UC Davis-HM.CLAUSE Life Science Innovation Center is a business incubator designed to support innovation driven entrepreneurship. We are proud of our collaboration with UC Davis in providing this resource supporting startups working to transition technologies out of the lab and generating early-stage, commercialization milestones. We look forward to fostering disruptive ideas, inspiring synergies, and strengthening the region's innovation ecosystem.

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John Selep
President
jselep@agstart.org
www.agstart.org



The Lab@AgStart

AgStart is a program of AgTech Innovation Alliance, a registered 501(c)(3) non-profit public benefit corporation based in Woodland, California, focused on advancing innovation in Ag | Food | Health. The AgStart program has been active in the Sacramento region since 2012, when it was launched through a collaboration that included the University of California Davis, supporting hundreds of ag- and food-tech startup companies through a combination of mentorship, education, and co-working services in its downtown Woodland incubator. In 2021, AgStart launched The Lab@AgStart, our region's largest shared-use wet-lab facility for startup companies, featuring a fully-equipped shared wet-chemistry laboratory as well as a certified kitchen space for food innovators. In 2022, AgStart will launch an expansion of its Lab@AgStart facility, nearly doubling its capacity and adding dedicated fermentation and tissue culture facilities. Innovators interested in The Lab@AgStart facilities can learn more and contact AgStart through their website at www.agstart.org.

Presenting companies

AFINGEN



Ai Oikawa, CEO/CSO
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AFINGEN® is an ag-biotech company spun-off from Lawrence Berkeley National Laboratory and has been working with crop improvement research programs supported by the United States Department of Agriculture (USDA), U.S. Department of Energy (DOE), and the National Aeronautics and Space Administration (NASA). AFINGEN's new biotech platform enables crops to grow faster and healthier. It enhances the production of specialty plant metabolites that can reduce ag-emissions and address urgent public demand to find a realistic way to mitigate climate impact. - For more information, please visit www.AFINGEN.org and the new climate ag-biotech project webpage: www.afingen.org/climate-biosolutions/

Online company visit on Friday, January 28 at 9:00 AM Pacific time
<https://us04web.zoom.us/j/3283409574?pwd=L5cvRt9zhhlBox8SsOku0BdbGwyQ0v.1>



Brandon Huber
Head of Plant Science
Brandon@AgEyeTech.com
www.AgEyeTech.com



AgEye is an automation platform for vertical farms and greenhouses that monitors every plant 24/7, 365 - and uses state-of-the-art artificial intelligence to turn these visual inputs into growth development insights and autonomous actions, improving harvest predictability and profitability. Our patented 'Plant Scientist in a Box' technology uses computer vision and machine learning to determine if a plant is reaching its development milestones as expected, as well as provides real-time detection of potential problems like plant stress, pathogens or pest before they are visible to the naked eye.



Gorka Santos Fernandez
Regional Sales Manager
gorka.santos@amphasys.com
www.amphasys.com



Amphasys is a biotech start-up providing an innovative technology for the analysis of cellular properties. In the agricultural sector, Amphasys' s high-throughput pollen analyzer enables fast and reliable large-scale pollen quality monitoring. Our technology provides reproducible and accurate results - data that enables our customers to take better decisions and improve their processes in plant breeding and seed production.

Online company visit on Thursday, February 3 at 9:00 AM Pacific time
https://us06web.zoom.us/webinar/register/6116425137921/WN_KROVV9HyT66kCRvCoVzwyg



Zhongli Pan

Founder

aware366@yahoo.com

www.aware366.com (opening soon)



Aware366 is a startup company for commercializing the new wireless smart insect detection and control (IDC) technology that was developed at University of California, Davis. The IDC technology enables early detection and control of insects in food and agricultural products and reduces product loss, chemical use, food safety concerns, and management cost. It is capable of detecting insects as soon as insects emerge, which compares to the current human inspection can not catch the insects until the population of insects is large and damages have been done. Then it sends automatic notifications to facility managers for taking appropriate actions. It monitors the insect activities and environmental conditions in the products, providing scientific data for prediction of insect occurrences and better management. The information can be stored locally and in cloud and accessed through mobile apps. The IDC technology replaces the human inspection methods currently used. The IDC devices have been used in warehouses and processing facilities of rice, almonds and walnuts in California.

Watch our short video at <https://www.youtube.com/watch?v=FTkmiTd91qM>

Online company visit on Friday, February 3 at 10:00 AM Pacific time

<https://ucdavis.zoom.us/j/4746692689> (Meeting ID: 474 669 2689)



Angie De la Luz, PhD

Director of Applied Research and Pollination Operations

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www.beeflow.com



Beeflow increases yields for growers by providing science-based pollination programs via proprietary bee nutrition and training technology as well as strategic hive placement and expertise to increase crop yield and revenues with less environmental impact.

Online company visit on Monday, January 31 at 1:00 PM U.S. Pacific time

<https://zoom.us/j/94215669637>



John Hurst

U.S. reseller for BeWhere Mobile IOT

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<https://bewhere.com>



BeWhere Inc. (TSX-V: BEW) is an industrial M-IoT (mobile) solutions provider founded in 2014. The company's solutions focus on the use of low-power, low-cost wireless network connectivity such as LTE-M, NB-IoT, and BLE for asset management and environmental sensing. BeWhere designs and develops hardware (beacons), software (web/mobile apps) and cloud-based services. The solutions are targeted for smart city, smart agriculture, connected logistics and industry. BeWhere's LPWA and BLE beacons are industrialized and combine sensors (eg impact, temperature, humidity, light exposure...) with location information providing a level of operational visibility that was previously unavailable and/or cost prohibitive.

Online company visit on Tuesday, February 1 at 1:00 PM U.S. Pacific time

https://us04web.zoom.us/j/71872444577?pwd=kb36RFAZmC4PNU7znOz_ayd62O3Kyz.1



Thomas Williams
Director of Microbiology
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www.bioconsortia.com



BioConsortia, Inc. is developing effective microbial solutions that enhance plant phenotypes and increase crop yields. We are pioneering the use of directed selection in identifying teams of microbes - working like plant breeders and selecting plants based on targeted characteristics, then isolating the associated microbial community. Our proprietary Advanced Microbial Selection (AMS) process enriches the crop microbiome, allowing us to identify organisms that influence the expression of beneficial traits in plants. We are focused on developing products with superior efficacy, higher consistency, and breakthrough technologies in 3 key areas: biopesticides; biostimulants; and fertilizer use efficiency and nitrogen-fixation products. Our products are foliar, drench, seed treatments, liquid in-furrow and granule products for a wide range of crops.



Ava Mehrpour
Marketing Specialist
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www.biomemakers.com



Founded in California's Silicon Valley in 2015, Biome Makers has distinguished itself as one of the foremost global SoilTech leaders, providing a standard in soil analysis. Biome Makers connect soil biology to decision-making processes in agriculture to benefit farmers and reverse the degradation of arable soils, encouraging carbon sequestration and fighting climate change. Biome Makers currently operates labs across the globe and catering to customers in over 4 continents. Built on industry-leading precision AgTech expertise, Biome Makers takes a data-driven approach to decoding the soil microbiome and promoting soil health worldwide.

Online company visit on Friday, January 28 at 10:00 AM Pacific time
<https://meet.google.com/jua-ynum-xtf> - Or dial: (US) +1 321-200-0614 PIN: 481 622 332#



Ivana Blaženović
Metabolomics Director
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www.brightseedbio.com



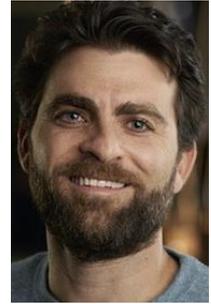
Plants have played a vital role in human health for thousands of years, and we have yet to realize their full potential. **Brightseed** is a data company with the technology to do just that. We identify the hidden compounds in plants that can impact health and we bring these bioactives to market across industries at a rate that was previously impossible.

<https://brightseedbio.com/>

Online company visit on Tuesday, February 1 at 2:00 PM Pacific time
<https://brightseedbio.zoom.us/j/83839579343?pwd=eUtDSlJmdE9DOGHReEhKWFAxcGRDdz09>



John Bourne
 Vice President of Marketing
jbourne@ceresimaging.net
www.ceresimaging.net



At **Ceres Imaging**, we believe the future of agriculture depends on providing farmers with the right tools—to cover more ground, make the most of their resources, and apply skill and experience where they're needed most. That's why we're building farm management solutions that put farmers in control. Founder Ash Madgavkar launched Ceres Imaging as a graduate student in 2014, inspired by emerging technology in spectral imagery and galvanized by the plight of California growers navigating a severe drought. Today, Ceres Imaging is a venture-backed company delivering solutions for irrigation and nutrient management, pest and disease prevention, and more. From our headquarters in Oakland, California, we serve growers across Australia and the United States.

Online company visit on Monday, January 31 at 9:00 AM Pacific time
<https://ceresimaging-net.zoom.us/j/99172938036?pwd=QzhiQVJWRXRBUHZHSG5OL0Rwc0dtOT09>



Matthew Boulos
 Head of Strategic Sales
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<https://climate.ai>



ClimateAi seeks to build a more sustainable, climate-proof, and profitable global food and ag system by leveraging AI and innovative climate forecasting technologies to deliver actionable insights to agribusinesses and farmers, enabling them to mitigate climate risk and identify opportunities, 1 day - 40 years out. Precise, accurate, data-driven climate resilience.

Online company visit on Friday, January 28 at 2:00 PM Pacific time
https://www.google.com/url?q=https://climateai.zoom.us/j/84357022194?pwd%3Ddm50RVNPN0JpZ0lvSEg3bjdDSWpqZz09&sa=D&source=calendar&usq=AOvVaw3_dSZC3y6bvUqzjOy5GJ7-



Sebastian Schultheiss
 Co-Founder and Managing Director
sebastian.schultheiss@computomics.com
www.computomics.com



Computomics offers a proprietary machine learning technology platform that applies AI to genetics, phenotype, microbiome, and environmental datasets. Computomics is a team of world-leading experts in machine learning, plant research and bioinformatics, who use data to unlock the diversity of biological life. In over 180 projects, Computomics enabled customers to make data-driven decisions and thereby accelerate sustainable agricultural development that can feed the world. Computomics' interpretable machine learning technology enables rapid understanding of genomic data for plant breeding, agricultural biotech, and microbiome researchers. Computomics is headquartered in Tübingen, Germany. To learn more about Computomics, please visit computomics.com or follow Computomics on Twitter at twitter.com/Computomics.

Online company visit on Wednesday, February 2 at 8:00 AM Pacific time
<https://us06web.zoom.us/j/86043517399?pwd=d01aZzNGR2FCV0JTMFJmZUFIZGhUUT09>



Ken Sturgess

President - Dinies North America
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<https://www.dinies.com/english/>



Dinies is a German-based food safety company specializing in the use of UVC sterilization for a wide range of seed to feed applications. In this forum we will discuss the Naiopur Seed Disinfection series. Naiopur was designed specifically for efficient and cost-efficient surface sterilization of seeds, grains, herbs, spices, etc. A sterilization rate of 99.9% was confirmed by third-party German laboratories. Thanks to an innovative transport technology, the bulk goods are exposed continuously by UVC light. The UVC light is a natural component of sunlight, with the important germicidal effect. In this natural process, the DNA of the microorganisms is changed so that reproduction of the bacteria is no longer possible. The gentle and natural process reduces germs by up to 99.9%. Now fully supported in the US by Dinies North America.

Online company visit on Tuesday, February 1 at 9:00 AM Pacific time
<https://zoom.us/j/99705663159?pwd=RFh2by90U1d3TmdMYTlLdThzTkJPdz09>



Michael Santiago

CEO
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www.florapulse.com



Although agriculture is thousands of years old, growers still struggle with timing irrigation. There is no way to automatically measure the need for water or 'thirst' of a plant--until now. Based on 10+ years of research at Cornell University, **FloraPulse** has developed an implantable microchip that directly measures how 'thirsty' a plant is and will provide the most accurate, timely information on when/how much to irrigate. FloraPulse uses this information to give the grower scientifically-backed recommendations for managing their field to consistently maximize crop yield, quality and water savings. The irrigation mystery: solved.



Alex Schultink

Founder and CEO
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www.fortiphyte.com



At **Fortiphyte** we identify disease resistance traits and develop disease resistant crop varieties. This reduces the need for chemical controls such as fungicides, thereby improving the productivity, safety, and environmental sustainability of agriculture. Our platform is faster than traditional approaches and provides access to a greater diversity of resistance traits, therefore facilitating the discovery of multiple traits to confer durable disease control. We previously developed a tomato variety that is immune to the bacterial pathogens *Xanthomonas*, *Pseudomonas* and *Ralstonia*. Our platform is applicable to all crop species and most plant pathogens, including fungi and nematodes. We're seeking collaborations with seed companies who are interested in adding new disease resistance traits to their elite varieties.

Online company visit on Tuesday, February 1 at 10:00 AM Pacific time
<https://meet.google.com/bxx-socg-mvp>



Jeff Touchman
VP, Research Operations
Jeff.Touchman@GreenVenus.com
www.GreenVenus.com



Accelerating the Green Revolution
With next-generation plant propagation, speed breeding, and technologies for hybridization of crops, GreenVenus is improving the quality of food for consumers while reducing food waste and preserving valuable natural resources.



Pernille Ollendorff Hede
CEO
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<https://healthycrop.dk/>



Healthycrop.world ApS is a company specialized in developing economically important agricultural crops that are naturally resistant to fungal infections particularly to Fusarium and Aspergillus. The resistance entails that the pre-harvest use of fungicides is reduced, and crops are not contaminated, pre- or post-harvest, with fungal toxins that are hazardous to animals and humans.

Online company visit on Monday, January 31 at 8:00 AM Pacific time
[MS teams link for Healthycrop online company visit](#)



Gabino Sanchez-Perez
Business Development Manager
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www.hudsonriverbiotechnology.com



Hudson River Biotechnology intends to deliver on the promise that crop improvement through biotechnology can address the demands of a resilient, sustainable bio-economy. We solve plant production challenges across the value chain by delivering technologies to develop and grow crops of higher quality, more efficiently and sustainably. Hudson River Biotechnology has developed solutions to enhance the functions of plants using CRISPR based plant breeding and deliver agrochemical inputs efficiently through targeted, nanotechnology-based systems. By providing these technologies to our partners, we contribute to improving plant yields while reducing the inputs necessary, ultimately decreasing agriculture's environmental impact.

Online company visit on February 2 at 10:00 AM Pacific time / 19:00 Central European time
https://teams.microsoft.com/l/meetup-join/19%3ameeting_NTY2Njk0YmEtMjkzNy00MmY4LWlxZTctZWVmMjFhY2M1ZWQ4%40thread.v2/0?context=%7b%22id%22%3a%226efcd062-0887-4f20-b8fa-2ea69ee6ee0e%22%2c%22Oid%22%3a%2202a4aeaf-8b62-42d8-9a56-37875ac522c2%22%7d



Martha Schlicher
CEO

martha@impetusag.com
www.impetusag.com



Impetus Ag has developed a novel approach to produce a library of biochemical pesticides that dramatically enhance and expand the spectrum of existing Bt insecticides for topical control on specialty crops, for topical rescue control in transgenic Bt row crops and for introduction as transgenes themselves. From the first library of compounds produced, new insects are being controlled with existing Bt proteins and existing insect control is enhanced. The first product for control of fall armyworm is under commercial development.

www.impetusag.com

Online company visit on Friday, January 28 at 3:00 PM Pacific time

<https://us02web.zoom.us/j/81513191373?pwd=RXdJVTRSWCs5QnIxNVBMaHZDSlV0QT09>



Jiarui Li

President & CEO

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www.innatrix.com



Innatrix is producing durable, eco-friendly novel biopesticides to control devastating crop pathogens, using patented protein evolution and RNAi technologies developed in house. We are combining an understanding of the dynamics of pathogen/host interactions, to develop novel biopesticides. We are using an economical way to produce eco-friendly biopesticides, go to market fast and manage pathogen resistance issues well.



John Jefferson

CoFounder & COO

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www.insights.vision



We are a leading machine learning company focused on building prediction models for the food industry. Our process is a combination of spectral analysis, chemometrics and deep learning that is deployed for realtime quality control processes. We get you results at the speed of light!



Ahsan Ali
CEO

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www.intrinsyxbio.com



Intrinsyx Bio is commercializing 3 decades of the leading academic research in the plant microbiome. Our endophytic microbes live throughout the roots and shoots of plants, allowing a broad range of crops to fix atmospheric nitrogen into ammonia and enhancing overall nutrient use efficiency. We are first commercializing these naturally occurring microbes as seed treatments in cereals and oilseed, with a pipeline targeting other crops (broad acre, specialty, turf, forestry) and other product formulations (including foliar, in furrow, granular).

Online company visit on Monday, January 31 at 2:00 PM Pacific time

https://teams.microsoft.com/l/meetup-join/19%3ameeting_OGRmYmRiMjAtMTE0Yi00NzBhLTkzOGQtZDAyZmU0Yzc3Njhl%40thread.v2/0?context=%7b%22Tid%22%3a%22f5a37655-22b2-412f-99c4-79f8f7a804a6%22%2c%22Oid%22%3a%22aca4397a-90d3-4b49-abbb-5cfbb1e94936%22%7d



Ishita Shah
CEO

imshah@ucdavis.edu
<https://matrubials.com>



Matrubials Inc. is developing milk-derived therapeutics to address infectious diseases, starting with women's health. Recurrent bacterial vaginosis and subsequent repeat urinary tract and yeast infections and reproductive issues remain unresolved for ~1 bn women globally because existing antibiotics are either resistant to or are non-selective and alter the healthy microbiome. Milk-inspired antimicrobial peptides in Matrubials' portfolio can be scaled in a lab and developed into topical applications to reduce this burden, and additional infections using an AI-enabled platform for candidate expansion. A recent winner of [an innovation award](#), Matrubials is a spin-out from the UC Davis Foods for Health Institute and is currently raising a seed round of \$1.5M (backed by Y Combinator) for milestone-driven preclinical and in vivo efficacy and safety enabling studies.

Online company visit on Friday, January 28 at 1:00 PM Pacific time

<https://us02web.zoom.us/j/82958662500?pwd=NTlmK0JpNXQ0N1ZNZHZhVDhWU3VTUT09>



Maria Belen Zuccarelli
Project Manager
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www.myfloradna.com

MyFloraDNA Inc. is an ag-biotech, born in Davis, California, offering state-of-the-art customized DNA-analyses combining molecular breeding, Next Generation Sequencing and Intelligent Computing, to all the players in the ag field. With our easy-to-use technology we can help breeders accelerate and optimize their cultivar developing processes. We also work with farmers and nurseries to help them verify the authenticity of plants purchased, produced and sold, as well as scientists who prefer to outsource routine laboratory procedures. Our innovation is to provide a unique, fast and personalized analysis, based on the latest DNA technologies, that will help our clients develop new and sustainable products.

Online company visit on Monday, January 31 at 11:00 AM Pacific time
See schedule of online company visits at <http://www.seedcentral.org/innovators/>



Hajime Sakai
CEO

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www.napigen.com



NAPIGEN is a biotechnology company with novel technology for genome engineering of plants, microbes and animals. Our technology targets two cellular organelles that harbor their own DNA, the mitochondria and (in plants and algae) the chloroplasts. Both organelles create energy for cells growth and produce various key biochemical molecules. Our genome engineering technology has broad areas of application, ranging from agriculture to industrial biotechnology to animal and human healthcare. In agriculture, by engineering of plant mitochondria, Napigen will introduce the advantages of hybrid vigor to plants currently not easily hybridized. This will allow for the establishment of deeper root systems, better nutrient use, improved water efficiency (i.e., drought tolerance), and provide greater carbon capture and retention in soils. Another project concerns genetic engineering of plant mitochondria for improvement of nitrogen use efficiency in plants. Our ultimate goal is to use our technology to provide significant increases in plant productivity along with positive climate impact.



Ronnie De La Cruz

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www.pairwise.com

Pairwise is a pioneering food start-up committed to helping people live healthier, fuller lives. We're leading the way to wellness by combining gene-editing capabilities, deep crop science expertise and cutting-edge data techniques to cultivate fruits and vegetables that are naturally irresistible and easier to enjoy. We believe in the power of produce to change our world. Because when tough leafy greens are easier to eat, more people get calcium and magnesium and Vitamin K. When raspberries and blackberries lose their seeds, they become more appealing and more likely to end up in a lunch box or smoothie. And when cherries come without the pits, well, everybody wins.

Pairwise is taking fruits and vegetables to the top of the food pyramid by bringing out the best in nature—and nurturing the world we live in.



Penny Nagel
President & COO
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www.persistencedata.com



Are you looking for a more efficient mechanism than the conventional chemical wet lab system to improve soil health?

Our leading soil analysis and web-based soil prescription platform, Soilytics™ is the latest in technology to pass the savings to you.

Through years of research and development, we have established technology and techniques to enable sustainable global analysis of carbon and soil nutrients. Our mission is to give rise to healthy soil, provide nutritious food, and ultimately assist carbon in moving from our atmosphere to the soil, enabling global cooling

www.persistencedata.com

Online company visit on Monday, January 31 at 3:00 PM

<https://us02web.zoom.us/j/84457620975?pwd=MTh1WlJtaGkrWkItUURVTXpmcFlyZz09>



Ross Kotewa
Technical Sales Engineer, North America
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www.phenospex.com



Phenospex is a sensor company based in the Netherlands. We develop a unique 3D-multispectral laser scanners, specifically designed to assess crops. Our products provide many plant parameters like plant growth, biomass, plant health in real time and automate many processes in plant science, breeding and agriculture where precise information on plants is required. Our sensors are also used in smart farming/ farming automation robots as the "eye" that detects and analyzes the plants.

Online company visit on Wednesday, February 2 at 9:00 AM Pacific time

<https://meet.google.com/ngx-fjca-fsf>



Fatma Kaplan
CEO/CSO
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www.pheronym.com



Pheronym uses pheromones from nematodes (microscopic roundworms) to control agricultural pests. Our first product, Nemastim, significantly improves the efficacy of beneficial nematodes, which are already in the market for insect control. Nemastim makes beneficial nematodes more effective (up to 5x) by telling them to search for new insects to infect. Beneficial nematodes are treated with Nemastim and then the activated nematodes are sprayed on the field. Since we can control nematodes, our second product in the pipeline targets plant parasitic nematodes, Pherocoat, our second product, is a seed coat product that protects young plants from plant parasitic nematodes.



Katrin Jakob
katrin.j@plant-ditech.com
www.plant-ditech.com



Plant-DiTech was founded based on a technology developed by Professors Menachem Moshelion and Rony Wallach from the Hebrew University of Jerusalem - world renowned experts in plant stress physiology and soil and water science. Their aim was to use their complementary expertise to make a significant difference in securing future food production under global climate change conditions by developing optimal processes and technologies to improve crop yield; particularly under stress. Their solution, developed over the past decade - Plantarray, simultaneously characterizes phenotypes in order to predict yield performance and provide valuable physiological trait analysis to agro scientists. This output makes it possible to translate complex plant-environment interaction processes into practical, useful and easy to use tools for scientists, researchers and breeders.

Online company visit on Friday, January 28 at 8:00 AM U.S. Pacific time
<https://us02web.zoom.us/j/83193731033>



Ying Shao
Co-Founder & CEO
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www.plantik.bio



Plantik Biosciences develops new solutions to accelerate plant breeding considerably. By offering an all-in-one toolbox for genome-editing based breeding to plant breeders old and new, Plantik's mission is to bring back 10 times more plant diversity to the planet in the next 25 years. Today, Plantik started working on hemp and welcomes partners to bring its platform technology to other crops together.

Online company visit on Tuesday, February 1 at 8:00 AM Pacific time
<https://us06web.zoom.us/j/85864454071?pwd=UWxjay93bVZRbmszSEwem1uZ1ZZZz09>



Francesco Dell'Endice
CEO and Founder
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www.qualysense.com



QualySense AG is a world pioneer in advanced robotics and sensing solutions to reduce seed waste and automatize quality inspection of seeds, grains and beans.

Online company visit on Tuesday, February 1 at 11:00 AM Pacific time
See schedule of online company visits at <http://www.seedcentral.org/innovators/>



Elleni Paulson
 Content Marketing Manager
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www.regrow.ag



Regrow is a multinational team of scientists, agronomists, engineers, and software developers committed to empowering resilient and regenerative agriculture. We're working to mitigate climate change by transforming the supply chain from farm to fork. Our mission is to make resilient agriculture ubiquitous. On every acre. Globally.

Online company visit on Monday, January 31 at 10:00 AM U.S. Pacific time
<https://us02web.zoom.us/j/81081735071?pwd=ckVaK2hoRFEvaXg1eGIrN054T29mUT09>



Nicolas Enjalbert
 Co-Founder & CEO
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www.seedlinked.com



SeedLinked harnesses the power of citizen science and data analytics to help breed, source, and harvest seeds for a more resilient future. Our innovative platform combines accessible smartphone technology with cutting edge data analytics to create a tool anyone can use to track, share, and learn about regional seed and variety performance. Through our collaborative trialing tool scalable to any sized enterprise or individual, all actors in the seed system – gardeners, farmers, chefs, breeders, and seed businesses - can learn from and support each other simply and efficiently. We work with more than 35 trailing organizations helping them to: discover the power of collaborative trialing, efficiently conduct participatory testing with hundreds of growers using the SeedLinked app and web platform; Test new breeding lines, build traction pre-launch, and refine their current offerings. On the other side, growers can search for seed using SeedLinked Seed Finder powered by collective insights.

Online company visit on Friday, January 28 at 11:00 AM Pacific time
<http://meet.google.com/iwg-prrs-uab>



Bob Arlen
 President & Founder
arlen@spectral.solutions
<https://spectral.solutions/>



Spectral Solutions combines proven research and technology to provide quality farming analysis tools developed by farmers, scientists and engineers.



Derek Drost
Vice President of Plant Genetics
derek@unfold.ag
www.unfold.ag



Unfold is accelerating the “seed to table” capabilities of vertical farming with an integrated offering of superior seeds, digital services, and agronomic insight. Based in Davis, California, Unfold’s mission is to create a world where the freshest, most nutritious, and most delicious produce is available to every person on the planet. For additional information about Unfold or to hear about potential career opportunities, please visit our website at <https://unfold.ag/>.

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Carrol Plummer
Co-founder & CEO
carrol.plummer@vivent.ch
<https://vivent.ch/>



Do you know if your plants are healthy?

Vivent provides growers and plant scientists real-time information on how plants are responding to changes in environmental conditions, including both abiotic and biotic stimuli. We tap into plant electrophysiology signals, using specially developed sensors, and interpret the signals using machine learning, so that you have real-time information direct from your plants. Growers use the information to optimize growing conditions, to check if plant defenses are active or to see if plants are stressed prior to visual symptoms. They typically measure continuously over the whole crop cycle. Researchers use our sensors to explore a wide range of topics from thermogenesis to defense signals, from responses to soil pests to nutrient deficiencies. They measure over both short (a few minutes) and long (several months) time periods, in the lab and in the field and we provide support to visualize and analyze plant signals using an intuitive dashboard, where you can also add data such as climate conditions. Devices can be monitored and controlled from your office so you are always up to date on the status of your plant experiments.

Online company visit on Thursday, February 3 at 8:00 AM Pacific time
<https://us06web.zoom.us/j/88594886853>

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