INSTITUT POLYTECHNIQUE DE PARIS

SHOWCASES 21 START-UPS AT VIVATECH

JUNE 16-19 2021 PARIS

VIVA TECHNOLOGY

Start-ups attendance schedule on the stand of Institut Polytechnique de Paris

Start-ups on site on 16-17 June :
- Accenta
- COOK-E
- DASTRA
- DESSIA
- Epilab
- Gamma Pulse
- HOVERSEEN
- IMAGINEENS
- Lixo
- MIMOPT
- Runblind

Start-ups on site 18-19 June:
- ALVIE
- COOK-E
- DATAFARM
- FLIPS
- Flyinstinct
- Hiperssys
- Mainbot
- NavAlgo
- ORASIS EAR
- PROTEME
- SpaceSense

I. HEALTHTECH

➢ **EPILAB**: Tuberculosis screening kit for developing countries

➢ **Imageens**: AI to help doctors in their clinical decisions

➢ **ORASIS EAR**: Eye movement diagnostic and rehabilitation tool

➢ **RUNBLIND**: Empowering the blind in their sports practice

II. GREENTECH & WASTE

➢ **Lixo** : AI for a better waste management

➢ **Proteme** : Edible coating for a longer preservation of fruits & vegetables

III. GREENTECH & ENERGY

➢ **ACCENTA**: Optimizing solar energy storage in buildings

➢ **Datafarm**: Data centers powered by green energy

➢ **GAMMA PULSE**: The most powerful air decontamination technology

➢ **HIPERSSYS**: Affordable green batteries

IV. AGRICULTURE & ENVIRONMENT

➢ **Alvie**: A digital twin for sustainable and efficient agriculture

➢ **SpaceSense**: A view from space for agriculture and environment

V. INDUSTRY 4.0 FOODTECH & ROBITICS

➢ **Cook-e**: Robotic cooking for high-traffic restaurants

VI. INDUSTRY 4.0 & OPTIMIZATION

➢ **DessIA**: Improving engineer productivity with AI

➢ **MIMOPT**: Towards the next generation of optical systems

➢ **NaValgo**: B2B solution to optimize flow management

VII. INDUSTRY 4.0 & SECURITY

➢ **Flyinstinct**: AI for airport security optimization

➢ **HOVERSEEN**: Automatic drones for industrial site security

VIII. INDUSTRY 4.0 & RGPD

➢ **Dastra**: Software that facilitates your company's RGPD compliance

IX. INDUSTRY 4.0 & YOUTH

➢ **MAINBOT**: The robot that prepares children for the industry of tomorrow

IX. APP & Student Life

➢ **FLIPS**: The app that allows students to create a social network
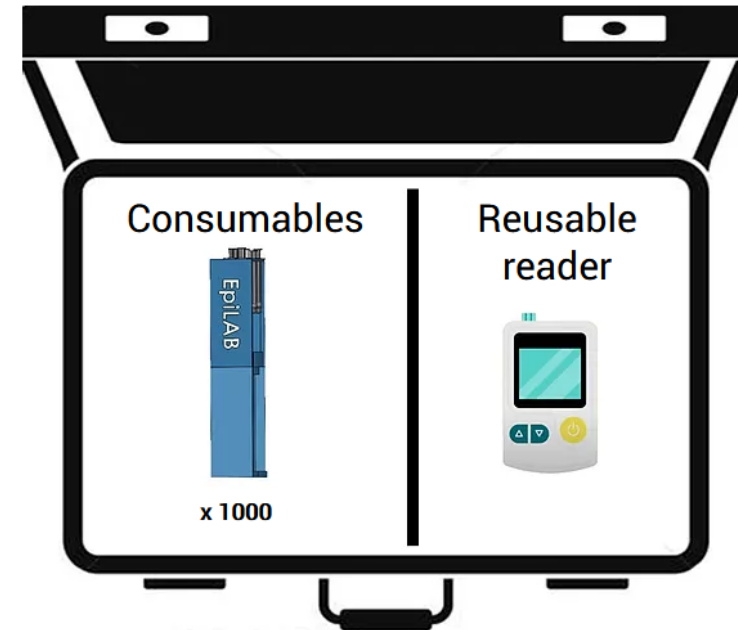
START-UPS

HEALTHTECH

EPILAB
Tuberculosis test kit for developing countries

EPILAB - At the crossroads of electrochemistry and microbiology, EpiLAB develops a portable and affordable tuberculosis screening kit to meet the critical need for diagnosis in developing countries.

HEALTHTECH/MEDICAL DIAGNOSTICS/DEVELOPING COUNTRIES

www.epilab.io

Consumables

Reusable reader

EpiLAB

x 1000

Easy To Use
No qualification needed

$ **Affordable**
Adapted to affected countries

Portable
No infrastructure needed

Sensitive
Competitive with existing tests

Imageens
Help physicians make better clinical decision

Imageens offers ArtFun+, a software that anticipates the occurrence of cardiovascular pathology, and Label, a solution that offers an image classification system and allows large medical data warehouses to manage their data and easily create cohorts for their R&D and medical AI development projects.

HEALTHTECH/AI

www.imageens.com

ORASIS EAR
Diagnostic and rehabilitation tool for eye movements

ORASIS EAR, based on 30 years of research at the CNRS, develops and sells tools for fine and precise diagnosis and effective rehabilitation of eye movements. Their REMOBI solution allows, for example, dyslexic children to correct the positioning of their eyes to obtain a more fluid and rapid reading.

HEALTHTECH/EYE MOVEMENT/LEARNING DISABILITIES/DYSLEXIA

www.orasis-ear.com

RUNBLIND
Empowering the blind to practice sport on their own

RunBlind is the first company to use dynamic 3D sound for guidance without the need for a screen and its manipulation. This technology is the result of 10 years of R&D and allows blind and visually impaired people to practice sports independently. RunBlind's mission is to spread this technology as widely as possible in the context of inclusion, but also in other larger markets.

HEALHTECH/DISABILITY/MOBILITY/ SOUND3D/DEEPTECH

▶ Watch video

START-UPS

GREENTECH & WASTE

Lixo
AI for better waste management

Lixo develops artificial intelligence solutions for the waste management and recovery industry. Lixo allows live and continuous analysis of waste flows to optimize sorting, logistics and recovery.

GREENTECH/WASTE MANAGEMENT/AI

www.lixo.tech

Proteme
Edible food coating for longer preservation of fruits & vegetables

Proteme is an edible food coating solution for fruits & vegetables. Using natural defense mechanisms against biological aggressions, this protection acts as a second skin for the products and reduces their respiration. This natural coating extends the shelf life of foodstuffs by several weeks.

GREENTECH/FOODTECH/WASTE

www.proteme.fr

Antimicrobien
Lutte contre les moisissures et les agressions bactériennes

Naturel
Simple de composition, notre solution exploite les propriétés défensives de produits naturels

Biodégradable
L'enrobage se dégrade en milieu naturel sans laisser de produit résiduel

Barrière
En limitant l'échange d'oxygène et d'eau avec l'extérieur, la maturation du produit est ralentie

Comestible
Sans goût ni odeur et invisible à l'œil nu, l'enrobage peut être consommé avec le produit !

Invisible
Grâce à une épaisseur de l'ordre du nanomètre, l'enrobage ne change pas l'aspect visuel du produit

START-UPS

GREENTECH & ENERGY

ACCENTA
Optimizing the storage of solar energy in buildings

Accenta is an innovative solution for the storage of solar energy generated by buildings, in order to maximize their energy autonomy through the improvement of self-production and self-consumption performances.

GREENTECH/SOLAR ENERGY/SMART GRIDS/ENVIRONMENT

www.accenta.ai

Datafarm
Data centers powered by green energy

Datafarm identifies and installs sites for Data Centers in the territories and offers a secure, local, circular and carbon-neutral energy supply for these centers, produced by methanizing farmers. This energy comes from bio-waste in the form of Bio gas.

GREENTECH/BIOGAS/DATACENTER/ CLOUDCOMPUTING

Secure GWs of Renewable Energy

Bringing your data centers to the farm with our **patented green energy loop technology.**

Off Grid. High Energy Efficiency. Net Zero Carbon.

www.datafarm.io

GAMMA PULSE
The most powerful air decontamination technology

Gamma Pulse is a new Deep Tech that aims to become a global leader in the safety and protection of people and property. Following the health crisis generated by COVID-19, Gamma Pulse experts developed the "KillViD™" project, an innovative virucidal system capable of decontaminating confined space air.

ENVIRONMENT/AIR/SAFETY/DEEPTECH/ COVID-19

LA QUALITÉ DE L'AIR INTÉRIEUR
UN ENJEU DE SANTÉ PUBLIQUE MAJEUR

L'air est le conservateur de la vie.

Alcuin, Les maximes et pensées morales – IXe s. ap. J.-C.

www.gamma-pulse.com

HIPERSSYS
Batteries vertes abordables

HIPERSSYS is developing Silicon-Lithium-Sulfur and Lithium-Sulfur batteries with theoretical specific energies that are five times higher than that of today's commercial Li-ion batteries. HIPERSSYS electrodes are designed based on a new architecture, a disruptive approach regarding commercial Li-ion batteries, using highest capacity available active materials that are cheap, abundant, and environmentally friendly. HIPERSSYS electrodes are made with simple, scalable techniques and are easily assembled into high energy and power densities Li-ion cells.

GREENTECH/ENERGY/DEEPTECH

More information

START-UPS

AGRICULTURE &
ENVIRONMENT

Alvie
A digital twin for sustainable and efficient agriculture

Alvie is a startup that develops a solution based on sensors and an artificial intelligence platform to help farmers modulate pesticide doses according to weather conditions. In addition, Alvie helps farmers to better use bio-control products to support them in the substitution of pesticides by biocontrol products.

FOODTECH/AGRICULTURE/AI

www.alvie.fr

SpaceSense
A view from space for the benefit of agriculture and the environment

SpaceSense is a leading provider of satellite information. By combining satellite imagery and AI, our solutions are quickly adapted to our customers' local environments and are deployable via API globally. We have solutions for agriculture, insurance and environmental management and monitor over 1.5 million hectares in 10 countries on a daily basis.

AGRICULTURE/SPACE/ENVIRONMENT/INSURANCE

www.spacesense.ai

START-UPS

INDUSTRY 4.0 &
FOOTECH

Cook-e
Robotic cooking for high-traffic restaurants

Cook-e builds a robotic kitchen for high-traffic restaurants. Automation allows for exceptional customer service (speed, customization) and reduces operational costs for restaurants to invest in better quality ingredients.

FOODTECH/ROBOTICS

www.cook-e.com

START-UPS

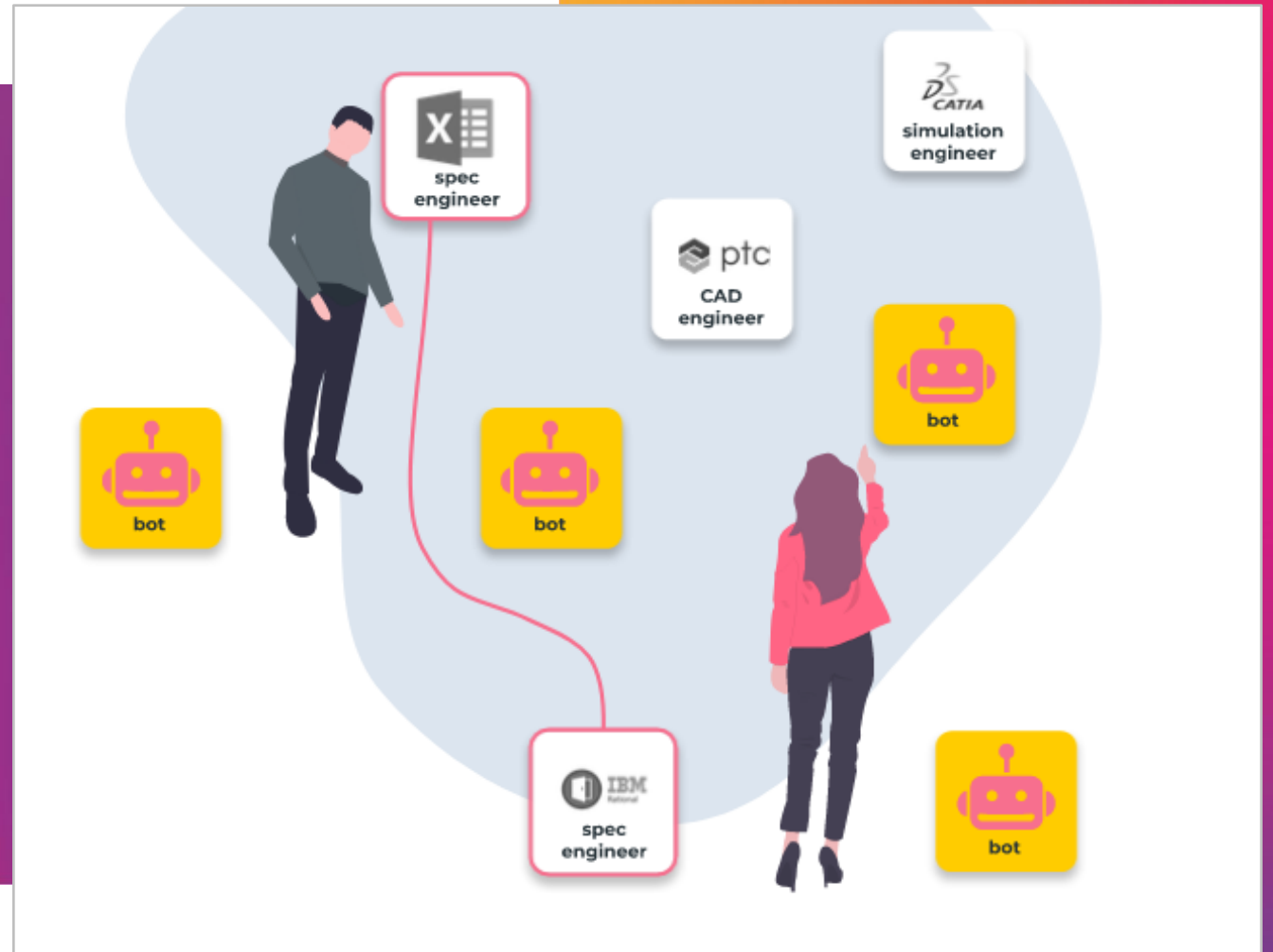# INDUSTRY 4.0 & OPTIMIZATION

DessIA
Improving engineers' productivity with AI

DessIA develops a Bot platform
based on an Explainable AI
to automate engineers tasks.

AI/AUTOMATION/ENGINEERING

www.dessia.tech

MIMOPT
Towards the next generation of optical systems

MIMOPT develops innovative Digital Signal Processing solutions to maximize the throughput of fiber optic communication systems.

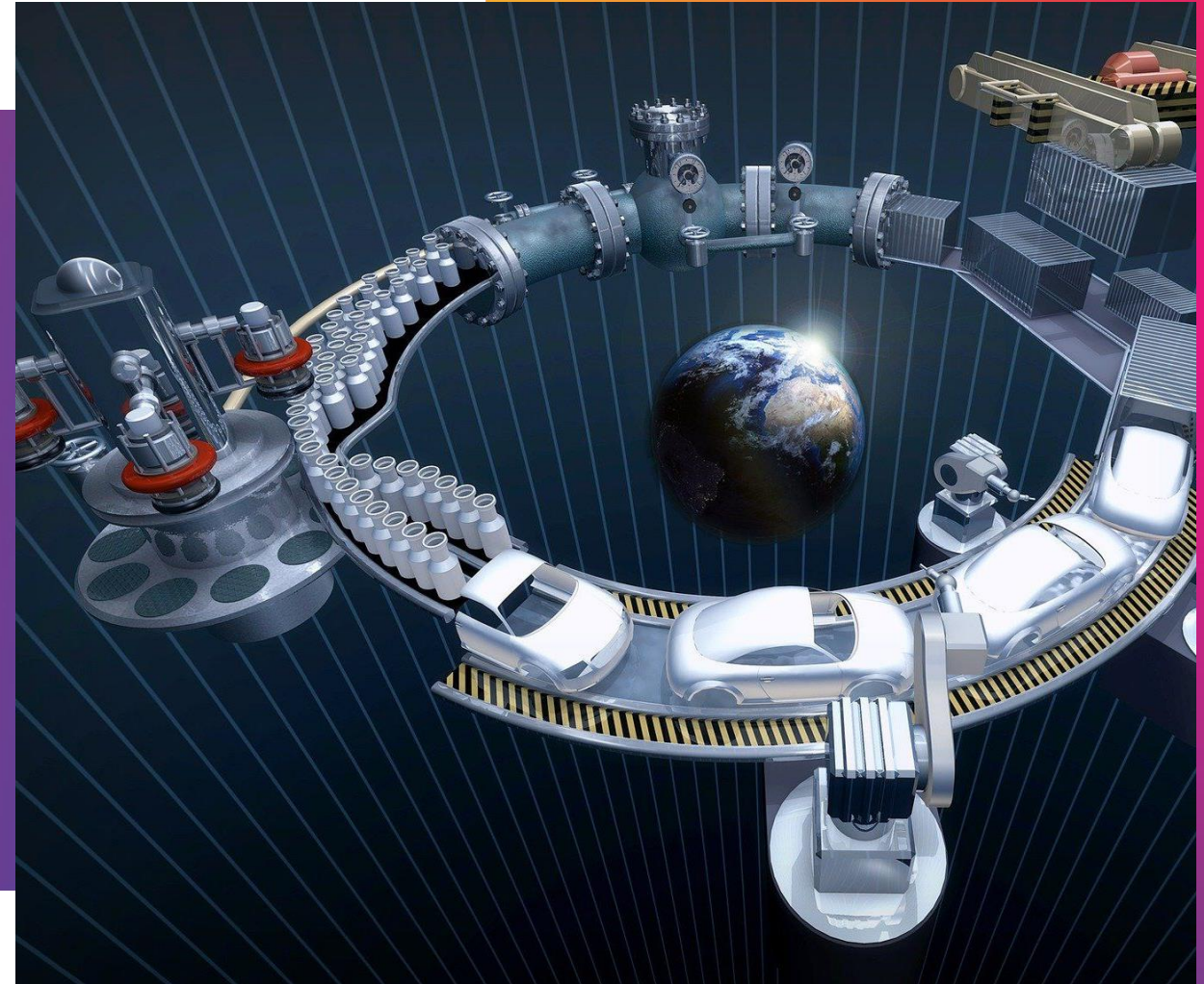**OPTIC FIGER/DIGITAL SIGNAL PROCESSING**

www.mimopt.com

NaVAlgo
B2B solution to optimize flow management

NavAlgo offers a SaaS B2B analytics engine, based on artificial intelligence. It aims to meet the challenges of optimizing flows, particularly in the logistics and transportation sector, by relying on AI, machine learning, graph theory and algorithms. The solution enables companies, both large and small, to leverage their unstructured data for better resource management (risk awareness, anomaly detection, etc.) without the need for a single data scientist.

IA/LOGISTICS/ SUPPLYCHAIN/TRANSPORTATION

www.navalgo.com

START-UPS

**INDUSTRY 4.0 &
SECURITY**

HOVERSEEN
Automatic drones for industrial site security

HOVERSEEN develops automatic drone systems for the surveillance and inspection of industrial sites. They allow drones on the market to fly without a pilot, and to auto recharge with no human intervention. They are fast, reduce movements on site and improve security agents safety. They are used for scheduled guard tours, on-alarm doubt removals, follow-up and inspection, land use analysis, etc. They integrate directly with Video Management System solutions, and simply with business solutions that use photos or video.

INDUSTRY/DRONE/SECURITY/DEEPTECH

www.hoverseen.com

Flyinstinct
AI for airport security optimization

Flyinstinct designs innovative solutions to digitalize visual inspections in airports. The proposed systems use artificial intelligence to assist the staff in charge of airside security. Our first product improves the detection of FOD (Foreign Object Debris) which are objects on the runway that can damage aircraft.

AIR TRANSPORT/SECURITY

www.flyinstinct.com

START-UPS

INDUSTRY 4.0 & GDPR

Dastra
Software that facilitates your company's GDPR compliance

Dastra is a PrivacyOps software that enables our customers to govern, manage their risks and ensure their GDPR compliance with an innovative, flexible and collaborative technology that uses a data-centric platform to accelerate and enhance compliance while saving time for all stakeholders in the enterprise, from Data Protection Officers (DPOs) to operational staff.

GDPR/SOFTWARE/INDUSTRY

www.dastra.eu

START-UPS

INDUSTRY 4.0 & YOUTH

MAINBOT
The robot that prepares children for the industry of tomorrow

Mainbot - The robotics revolution is growing exponentially. First, we want children to learn about robotics, understand how it works and prepare for the coming robolution. Then we want to help them develop the skills of the future by adapting this fourth industrial revolution in which robots are key players. Finally, our robot is a friendly companion that represents a more positive choice of socialization through technology. Winky, our robot, will allow children to learn robotics naturally, to play and learn on screen autonomously and to develop a mutual affective relationship that will last over time.

**INDUSTRY 4.0/
ROBOTICS/EDUCATION/YOUTH**

www.mainbot.me

START-UPS

**APP &
STUDENT LIFE**

FLIPS
The app that allows students to create a social network

Flips is an application for students that offers activities of all kinds to do with other students who share the same tastes, interests and passions. For exemple share a lunch break, an animal crossing, a museum, karaoke, tennis….

APPLICATION/STUDENT/SOCIAL LIFE

www.flips.ai