BUSINESS CONCEPT TRAINING
SPRING '21

ND BIOSCIENCES
ND Biosciences's mission is to develop practically validated therapeutics and companion diagnostics for neurodegenerative diseases (NDDs), such as Alzheimer's and Parkinson's disease, using unique technologies that allow reverse-engineering the complexity of brain protein pathology in neurons.

LONGEVITY EPICENTERS
We aim to extend human healthspan in specialized and science-based clinics where personalized treatments for patients are implemented. We create a personalized “anti-aging plan” for individuals who receive treatments, coaching, and track of their progress in repeated visits.

ARCHIMEDES
Our data-driven add-on feature integrative medical softwares helps 5% of who want to spot and ND rare diseases diagnosed by reducing nd reducing HLT area and frustation and improving accuracy, reliability, and data collection.

SOLO ROBOTIC
Minimally invasive surgery requires the usage of an endoscope. An assistant helps the surgeon by holding the camera and pointing it where he wants. Miscommunication and tremors are frequent and thus, we wish to allow the surgeon to precisely control the endoscope by himself with his feet and thanks to the haptic feedback.

SLEEP SENSOR
1% of the general population experiences sleep issues which represent a huge burden for society. In addition, the only way to reliably diagnose sleep in the clinic suffer from many limitations: incomplete, snapshot evaluation, reimbursed only for specific conditions. Sleepiness provide a noninvasive, long-term recording of sleep, in a natural environment and for a broad spectrum of conditions.

FEET’IN
FootHealth is a data-driven medical needs that measures Postural Weight-bearing pressure and analyzes the motion in real-time to help doctors design an optimal rehabilitation process for their patients ranging from high/low injury, foot trauma to severe neurological conditions.

Harace Health
For every 11th person worldwide measurement of blood sugar is essential. A conventional method of glucose monitoring is currently invasive, and therefore painful and make patients more vulnerable to infections. Aside from that, they produce annually a lot of waste of consumables. Our solution is a non-invasive continuous glucose monitoring based on spectroscopy analysis of intercellular liquid.

PLANTY
The struggle of keeping a plant alive and healthy is real. Our goal is to help plant lovers and experts alike to track plant growth and keep their plants alive. This is the story of Planty, a new app to do that, and much more.
MakItApp’n

People who want to create a mobile app are not aware of the cheap and easy ways of app creation. On the other hand, businesses that offer no-code app construction tools lack communication skills to reach their customers. We create a platform to showcase, promote and connect tools to potential customers based on AI that recommend the correct tool for each user.

AeroSpec

Particulate matter (PM) pollution causes 4.2M premature deaths per year – 80% in Europe. It is difficult & expensive to analyse its source & composition. The patented PM Inventions can help identify, measure & analyse chemicals in real-time, to source, automatically & cheaply.

Visual Scientific

With an improving scientific outreach to a key audience via social media, the visual communication of research has become crucial for a rising number of researchers. However, most of the graphical work is still being done via side tasks. We aim to improve the access to high-quality visualizations for researchers in universities, research institutions and R&D-focused companies.

COLOR.WEAR

Our machine learning algorithm will help your child wear and create their own identity, so you do not have to decide and shop clothes for them. We decrease waste whilst making parents’ lives easier and children’s clothes more amazing and customised.

Tell Me More

Every year millions of people do tourism visiting new urban or rural scenes. They use apps offering guide tours with information and guidance. However, quite often, the content of these apps is too broad and general, only available in one language and restricted to the most famous spots. In Tell Me More, we created a community of users sharing their knowledge about specific locations with small audio clips.

ARYAMAN

Arayaman delivers customized lightweight, but weather-resistant modules that will generate free, clean energy directly from your vehicles and mobile units, as long as they stand. We can help you transition towards a cleaner future, increase the range of your fleet or mobile units, and reduce your costs.

CEYDO

In figure skating, as well as in many other sports, athletes and coaches are training less efficiently than they could be, leading to preventable injuries and loss of motivation. Ice, Dressage, Quantative Ceydo’s sustainable technology allows skaters to access real-time feedback on key skating measurements and their progress, allowing for more efficient training, higher motivation and less risk of injuries.

SOLAXER

There is more energy used for heat generation in the industrial sector than for electricity worldwide. SOLAXER aims to be the first choice supplier of high performance receivers for solar heat powered industrial processes.
Our specialist database helps private collectors who want to sell their archeological object by searching the history and origin of them and providing expert support.

Movement Unites

We have developed unique programs based on physical movement designed to foster a sense of engagement and togetherness within groups of people. They are suitable for all levels of ability and physical condition and can be used in the context of team-building activities, community gatherings, university lectures, conferences, etc. - whether in person or online or both.

TAILWIND

A 3rd pillar fund for small investors with returns and sustainability at the core - no compromise.

Heliac

Our helium accelerator system for radiotherapy improves cancer treatment precision and efficiency while maintaining the cost-effectiveness standards of already available proton therapy systems. Patients can expect fewer side effects and an overall increase in treatment effectiveness, advantages previously only seen in much more expensive carbon systems.

ECOHESION

Buildings and construction account for almost 40% of global CO2 emissions. ECOHESION is the first sustainability and innovation platform for the construction sector in Switzerland. We bring together key industry players, getting a step closer to achieving carbon neutrality goals.

Ariadne’s Thread

The Covid-19 crisis has highlighted the dramatic environmental impact and the supply & quality issues of the current surgical mask industry. The Ariadne’s Thread project offers the first sustainable European alternative to disposable surgical masks for medical use. Through the industrial manufacture of trackable, washable and sterilizable fabric masks with EN14683 type II certification.

New Waves Streaming

Our music streaming platform running on clean servers helps music-loving people who care about the environment to feel good about the impact on the planet when streaming music. Unlike common streaming providers which host servers on fossil fuels and have a solely profit-oriented business model.

Sur Les Vagues


Smart Squirrel

Smart Squirrel is a game app that helps players improve their financial literacy, learn how to invest, and learn how to make financial decisions in times of uncertainty.
Silicon Brain

Our startup is based on a 3D generation of neural implants for blind patients. The idea is to selectively stimulate the human brain with a truly wireless array of miniaturized and thread-threading ON-OFF microelectrodes. Today, we propose high-channel resolution with our prototype.

Printable

Blind motor impairments affect 78 million people’s independence every day only in Europe. Despite the advances in assistive and retinal robotics, controlling such devices is still cumbersome. Printable Crab’s human-machine interface interprets fine motor intentions and encodes haptic stimuli to send control commands and convey sensory information to and from any assistive device to restore manipulation abilities.

Rent Anything

Do you need anything in a short period of time? You are also aware of the real impact of impulsive buying and are annoyed by your full cellar? We have the solution for you! Through our digital platform, you will be able to rent everything from objects of everyday life to more specific items.

Next-One

Drones missions often require hours of air time, while battery autonomy is limited to 20 min. Next-One provides the lightest and most affordable drone in a box solution enabling drone automation to be seamlessly integrated into businesses.

IMPLIGHT

IMPLIGHT’s vision is to make the PV integration possible for every building elements with its cutting edge lightweight PV module technology developed and patented by CSEM. IMPLIGHT’s modules employ crystalline silicon solar cell technology that enables high efficiency and cost-effectiveness. Innovative embedding materials ensure excellent reliability.

ProSeed

PreSeed wants to develop an extraction process to produce a protein concentrate for food producers who wish to offer sustainable and ecological products to their customers. Unlike other imported and highly processed plant-based protein sources, we provide a local and upcycled protein powder ingredient.

VelaPlena

VelaPlena is a learning platform for artistic skills. We bring you straight towards your objectives by effectively combining pedagogical videos with face-to-face activities. Tell us your goal. We’ll make sure you get there effectively.

iSleep

Sleep problems impact 1 in 3 people costing hundreds of billions of dollars per annum globally. Current diagnostic and treatment methods in sleep medicine are overly complex, expensive or unfeasible. Sleep simplifies operational procedures and enhances diagnostic capabilities of sleep experts that want to test, analyze and interact with their patients.

ConnectyBox

ConnectyBox is accessible, time or language barrier for you to consume or sell local products! If you are looking for an innovative way to overcome these limits and support the local economy, we have the perfect solution for you: a short-circuit distribution system (ConnectyBox) of local products, accessible 24/7 through a digital platform.
BioT
BioT is helping hospitals and clinics visualising and optimising device management. This is possible with our tracking sensors and antennas which are then visible on our platform fueling our AI algorithm to optimise data. BioT is reducing cost (minimal charge), space (time & money) and increasing capabilities (geofencing, real-time location and states of devices) with logistic optimisation.

LigX
Smart sponges called MOFs are among the best materials for oil/gas separations, gas storage, and catalysis. Unfortunately, R&Ds and industries can’t use them because of the high price and only small amounts available. At LigX we developed a new method of making these materials via a new cost-effective and scalable approach.

MoveltApp
MoveltApp is a tele-rehabilitation mobile and web application that aims to help therapists who want to prescribe exercises and monitor patient’s progress by automatically evaluating patient’s performance anywhere and anytime and increasing patient adherence and motivation unlike apps that lack autonomous evaluation and lack feedback to the therapists.

AiiDAlab
Currently, simulations are difficult to use. Scientists have to use a command line interface to run simulations. AiiDAlab removes most of the difficulties and makes simulations accessible for non-experts.

Noosh Drinks
The humans have two brains. The second brain is the guts. If your guts are not in good shape, you will not think straight. Today with all the temptation to eat unhealthy, keeping a healthy body is hard and harder. Our product is made to take this problem out of your life. The base of the Noosh is made from kafir extract. It has proven its beneficial capability for over a century.

ProSeed
ProSeed wants to develop an extraction process to produce a protein concentrate for food producers who wish to offer sustainable and ecological products to their customers. Unlike other imported and highly processed plant-based protein sources, we provide a local and upcycled protein powder ingredient extracted from co-products of the brewing industry.