

PITCH RUNNING ORDER

1. Genetx – Mircea Ivanov
2. Reflex Imaging Ltd – Peter Hart
3. RISE – Mats Werke

Genetx

Contact person:

E-mail: mircea.ivanov@genetx.eu

Address, Country: Bucharest, Romania

Phone n° : +40723436590

By returning this presentation, you consent for the information contained within it to be made available **online** and communicated to other organisations for the purpose of stimulating collaborations for the forthcoming Calls indicated on the registration page.

Please return to Natalie.Withenshaw@ktn-uk.org by the date indicated on the registration page.

Please read KTN's [Privacy Policy](#).

[Smart EpigenetX]

Founded in late 2017, 7 members, supplier of genetic tests and nutritional consultancy

Who we are: Samsung health with genetic information

What we do: Personalized medicine/nutrition

Call topics of interest: SCI-DTH-02-2020; DT-TDS-04-2020

Project Idea / What you have to offer:

AI & Big data solution for genomics, large-scale genomic data, health related banks, biobank, support research, decision making, personalized advice guidance, active user engagement

What we have to offer/USP: Genetic tests and digital health platform, similar to Samsung Health but we have genetic data. App will have daily data insertion by the user, connection with wearables and specialists(doctor)

What you are looking for:

Partners to become specific in each area of health. Our platform has its foundation in nutrition and genetic data but we are looking at all aspects. E.g. Exercise/Athlete module – personal trainer – connection with wearables.

Complementary services/products and health experts on web & mobile technologies.

Research studies, big data collection partners, integration of 3rd parties.

Reflex Imaging Ltd

Contact person:

E-mail: peter.hart@reflex-imaging.com

Address: Bailey House, Barttelot Road, Horsham,
West Sussex RH12 1DQ UK

Phone n° :+44 7715 362401

By returning this presentation, you consent for the information contained within it to be made available **online** and communicated to other organisations for the purpose of stimulating collaborations for the forthcoming Calls indicated on the registration page.

Please return to Natalie.Withenshaw@ktn-uk.org by the date indicated on the registration page.

Please read KTN's [Privacy Policy](#).

Reflex Imaging Ltd

Who we are:

Reflex Imaging is a small start-up company that has developed innovative technology to achieve a highly accurate laser-based measurement and positioning system at a fraction of the cost of comparative systems.

We specialise in the design and development of high precision technology including highly regulated and safety critical applications. Our target markets are in industrial robotics and general manufacturing, and medical applications such as accessory and patient positioning.

What we do:

We work with potential Customers to integrate our technology or systems into products or processes

Call topic (s) of interest:

Advanced Manufacturing processes, Smart and Adaptive (self calibrating) robotic manufacturing systems in Aerospace and Automotive applications

Project Idea / What you have to offer:

Reflex Imaging have developed a unique MEMS-based laser-metrology module (LAMM) which can locate objects with 0.1 millimetre accuracy in 2.5 dimensions (position on a line and distance) and offer this commercially for a fraction of a cost of devices of comparable accuracy. The proposed O-LAMM project will build upon the existing LAMM to:

- add a second axis on sensing, allowing the system to detect the angle of reflective targets in both the horizontal and vertical planes capable of positioning parts accurately in three dimensions for use in large volume metrology
- increase the system accuracy by an order of magnitude through several novel improvements to the electronics, processing and optics subsystems

By combining SMART targets or multiple O-LAMMs, a full 6 degree of freedom tracking system can be realised that can track multiple reflective targets simultaneously in real time, within the field of view. While similar tracking systems exist today, the real-time sensing of the O-LAMM together with its price/performance point allows them to be permanently integrated into manufacturing cells for in-situ metrology for automated manufacturing. This paradigm shift will deliver the following benefits to the end user:

- Significant reduction in downtime (length and frequency) for calibration/QA in robotic manufacturing cells
- Improved accuracy of manufacturing cells, thus reducing waste and increasing product quality.
- Information on robot positioning accuracy to detect early signs of wear for preventative maintenance.

The proposed project would bring together a strong consortium of partners with significant experience in the sector, including Fraunhofer IOF in Germany. Reflex Imaging works with the University of Sheffield's Advanced Manufacturing Research Centre in the UK.

What you are looking for:

We are looking for a commercial partner to help drive the product definition and ensure the technology delivers a successful, complete product solution, either for their own manufacturing process or for general commercial distribution.

[Type Organisation Name Here]

Contact person:

E-mail: mats.werke@ri.se

Address, Country: Sweden

Phone n° :+46 70 780 60 88

By returning this presentation, you consent for the information contained within it to be made available **online** and communicated to other organisations for the purpose of stimulating collaborations for the forthcoming Calls indicated on the registration page.

Please return to Natalie.Withenshaw@ktn-uk.org by the date indicated on the registration page.

Please read KTN's [Privacy Policy](#).

[Research Institutes of Sweden]

Who we are:

RISE is Sweden's research institute and innovation partner. Our 2,700 employees engage in and support all types of innovation processes. offers unique expertise and over 100 testbeds and demonstration environments.

What we do: Applied research together with companies and other research organisations

Call topic (s) of interest:

- Machining Distortions

Project Idea / What you have to offer:

[Project Idea: Strategy for minimizing residual deformations after machining - MIND]

Tools and methodology for minimizing machining distortions – Focus on influence from residual stresses

What we have to offer/USP:

- Lab with machining equipment and other equipment
- Simulation software
- Measurement equipment

What you are looking for:

[Describe what your organisation is looking for in other potential partners]

- *OEM Companies*
- *SME:s*
- *Res org*