CO-FOUNDER NEEDED

Apply to co-found **here**
no later than FEB 28, 2025!

Copenhagen Microsystems

Sustainable 3D printing at micro- and nanoscale with 3D Ice Lithography.

THE PROBLEM

Current micro- and nanoscale 3D printing technologies utilize expensive and toxic materials, as well as extremely expensive instruments and facility requirements.

OUR SOLUTION

3D Ice Lithography uses safe and sustainable materials at a fraction of the cost, with little infrastructure requirement for instruments. Using organic chemical materials, we can create complex nano scale 3D geometry. This can replace or supplement current nano fabrication methods. Currently the instrument is meant for research, but industrial instruments are planned.

PATENT STATUS

The process patent is in PCT phase.

CO-FOUNDER PROFILE WE ARE LOOKING FOR

Must-Have Qualifications/Background
Ability to define the commercial strategy and drive sales from identification of potential leads, nurturing them into prospects and all the way to closing of contracts. Documented successful sales experience of selling machines and tools is a strong plus.

Nice-to-Have Qualifications/Background
A background in micro- and nano engineering or additive manufacturing. Experience with pre-startup companies. Strong stakeholder management skills with an ability to navigate successfully in various negotiation settings. Experience selling complex machines and tools.

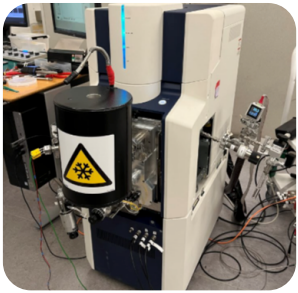
Personal Fit
A passion for the start-up journey. You must enjoy working independently and have an interest in research and innovative technology. Reliable executor of agreed tasks as well as dependable and trustworthy.

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

- Industry & Market Research: Gain a deep understanding of the market, key customer pain points, and value drivers. Use these insights to help shape the pricing strategy.
- Sales & Business Development: Actively engage with potential customers, present technical solutions and start building a pipeline of qualified leads for the Freja product nurturing them into prospects and all the way to closing of contracts.
- Develop marketing materials: Together with the technical co-founders create the materials needed to successfully launch the Freja product as a competitive alternative or supplement to current technology.

ACADEMIC BACKGROUND OF CURRENT CO-FOUNDERS

Our founder team consists of Anpan Han, senior researcher at DTU, Joachim Lyngholm-Kjærby, MSc Design and innovation from DTU, Oliver Schollert, MSc Material science student at DTU and Markus Lund Poulsen, MSc Mechanical engineering student at DTU.



ENTREPRENEURIAL BACKGROUND OF CURRENT CO-FOUNDERS

Anpan has been involved in ice lithography research since 2008 and helped create several spin-out companies from academic research at DTU. Oliver has been involved in creating a start-up which received the Innobooster grant.

PHYSICAL ADDRESS

DTU, Produktionstorvet, Building 425.

MILESTONES ACHIEVED

Operational system at TRL 6, two letters of intent to purchase the system and 1 letter of support from All-resist as potential supplier for 3DIL.

TARGET MARKET & CUSTOMERS

Our beachhead market is universities and research institutions, and our desire is to expand into industrial applications in the future.

FINANCIAL OVERVIEW

Pre-CVR startup from DTU Construct, currently funded by an InnoExplorer grant until January 2026, where the plan is to spin-out and start the company. Small pre-seed investment from a Business Angel, once we incorporate.