

The following is an English version of the official Japanese announcement, which has been given to the JASDAQ and the media in Tokyo, Japan.



October 10, 2018

Company: SPARX Group Co., Ltd.  
(JASDAQ Standard Code: 8739)

## **Mirai Creation Fund Executes an Investment in Oscar Technology Corporation, a Provider of Software Parallelization Technology**

To expand the number of programming languages, to advance the parallelization algorithm, and  
to enhance the user interface

Tokyo (October 10, 2018) –Today, SPARX Group Co., Ltd. ("SPARX") announced that Mirai Creation Investment Limited Partnership ("Fund") has executed a new investment (the amount is not disclosed) in Oscar Technology Corporation (Oscar Tech"), a provider of software parallelization (※) technology. This investment will serve as development capital for expanding the number of programming languages, advancing the parallel processing function, improving parallelization algorithm, improving parallelization performance, and enhancing the user interface.

※ Parallelization: a method of executing a program's processes by distributing them in parallel across multiple CPUs

### ■ Overview of Investment

Oscar Tech was founded in 2013 with goal of commercializing the automated parallelization technology developed at Waseda University. Using its proprietary multi-grain parallelization method, the firm offers software-based tools that are mainly for integrated control software. These tools allow users to run automated parallelization for all programs written in a certain language (C program language), a feat which was not possible with existing technologies. Oscar Tech's technology anticipates a wide range of applications, including in vehicles and industrial machinery, which require complex software and the processing of advanced control algorithms.

### ■ Overview of the Fund

The Fund targets investment in enterprises and projects that possess innovative technologies in the core fields of AI, robotics, technologies to enable a hydrogen-based society, as well as other related projects. The Fund began its operations in November 2015 with SPARX as an operator, with investment of 13.5 billion yen by Toyota Motor Corporation, Sumitomo Mitsui Banking Corporation and SPARX. At the end of June 2018, 20 companies have invested in the Fund and AUM reached 36.7 billion yen. The Fund has been investing in about 50 companies, in US, UK, Israel, Singapore and Japan. (<https://mirai.sparx.co.jp/en/>). On 31<sup>st</sup> July 2018, SPARX announces to launch Mirai Creation Fund II (two). In addition to the three categories of Intelligent Technology (e.g. artificial intelligence), robotics, and technologies for a hydrogen-powered society that Fund I (one) focused on, the Mirai Creation Fund II mandate also includes electrification and new materials.

### ■ Contact Information

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## Examples of Invested Companies by Mirai Creation Fund

| Category | Company Name                           | Features  |
|----------|--|---|
| AI       | Xevo Inc.<br>(Prev. UIEvolution, Inc.) | Develops middle ware smoothly accessible UX (user experience) from vehicles, hotels and luxury liner.   |
| AI       | Getaround                              | A venture develops car sharing system "The Airbnb for car rental" Establishes a strategic relationship in Toyota "connected vehicle" project.   |
| AI       | freee, K.K.                            | The Japan's leading market share company in the area of cloud accounting and payroll software.  |
| AI       | FiNC Inc.                              | A digital health company providing personalized health and wellness recommendations to individuals via a combination of healthcare experts and AI, based on various data including genetic tests, medical diagnostics and lifestyle habits.   |
| AI       | aptpod, Inc.                           | Bi-directional cloud system provider, applicable to autonomous driving.   |
| AI       | Guardian Optical Technologies Ltd.     | Accelerates its R&D efforts and aims to enable car manufacturers with more advanced safety systems by offering rich data regarding the occupants in the vehicle.  |
| AI       | Autotalks Ltd.                         | Prepares and expands its operations for the upcoming start of mass productions of the chipsets as well as continues to develop communication solutions for both connected and autonomous cars.  |
| AI       | Japan Taxi Co., Ltd                    | Adds new functions, such as "pre-fixed tariff" and "ride together system" to the app and aims to triple its market share from current 22% to 60% by the year of 2022 in the taxi distribution network, thereby making it a "national taxi app."   |
| AI       | Sansan, Inc.                           | Accelerates the spread of Eight, Japan's biggest business network based on business cards, within Japan and internationally, while aiming to become Asia's number one business platform.  |
| AI       | Fly Data Inc.                          | Aims to be a total solution provider for data applications by offering solutions in the industry IoT and AI sectors in addition to its data integration solutions.  |
| Robotics | GROOVE X                               | Aims to create a global standardized home robot by utilizing experiences via developing Pepper .  |
| Robotics | Kymeta Corporation                     | Technology of satellite antenna which will realize high data capacity and high-bandwidth connected mobility.  |
| Robotics | 3D MEDIA Co., Ltd.                     | Contributing to industrial robots' intelligence by providing function of eye and brain.   |
| Robotics | WHILL Inc.                             | Develops, produces and sells high end e-wheelchairs complex of hardware and software.   |
| Robotics | MJI Inc.                               | Develops communication robots, "Tapia", which provide not only convenient but also joyful and exciting life.  |
| Robotics | Magellan Systems Japan, Inc.           | R&D on base technologies for self-driving with envisaging the launch of Japanese GPS service.   |
| Robotics | Exvision Corporation                   | Enhances technology development for its High Speed Vision Development Platform and deepens the penetration of its application system portfolio via expanded global sales and marketing efforts.   |
| Robotics | RT Corporation                         | By utilizing deep learning, aims to develop the prototyping of next generation multi articulated robot with artificial intelligence, which can pick up not solid item, like food stuff in the food production factory. In addition, hiring new talents to strengthen the fundamentals of its growth.  |
| Robotics | Realtime Robotics Inc.,                | Accelerates R&D efforts on its proprietary motion planning processor architecture, which enables robotic systems to calculate paths to avoid obstacles and determine optimized routes at a much faster speed, with less power consumption and a much lower cost. Also it aims to accelerate its growth by applying this technology in collaboration with big global players in industrial robots and autonomous car industries. |
| Robotics | iQPS Inc.                              | Aims to build cutting-edge social infrastructure through which "earth observation is instantly available at any time" by launching many small SAR satellites.   |
| Robotics | Intuition Robotics, Inc.               | Its multidisciplinary team of roboticists, industrial designers, full stack developers, android developers, gerontologists, and machine learning experts, are currently developing ELLIQ, the active Aging Companion.   |
| Robotics | Meltin MMI                             | Successfully reproduced fine finger movements using its proprietary bio signal processing and robotic mechanism control technologies. The technologies developed by it are promised a wide range of applicants, starting in the medical and nursing care fields.  |
| Hydrogen | Exergy Power System Co., Ltd.          | Has unique technology on hybrid-hydrogen batteries and hydrogen production.   |