



**– Crossing the meridian of robotic dream,  
Create the future of cutting-edge vitality –**

“Robot Dancing Competition” + “Human Dancing Competition” + “Creativity Seed Plan”  
= Silicon Valley World Creative Robot Competition

## **1. Preface:**

In combining “dancing robot” and “human dance”, “Silicon Valley World Creative Robot Competition” (SVWCRC) is the very first worldwide competition that spans across the fields of science and art, and the frontiers of rationality and perceptibility. Undoubtedly, SVWCRC will be storming dazzlingly onto the stage of the cutting-edge future era.

The age of robots dominating the earth is looming! The robot army entering the job market has been an unstoppable trend, thus changing the current workforce environment, setting the future directions of human/robot resource.

In the 21<sup>st</sup> century, digital literacy has been on par along with reading, writing, mathematics and other disciplines, further becoming the fourth pillar of education. It is not only about writing programs (coding), more so a type of operational thinking, as well as an important path for learning problem-solving.

As evident in the 2016 World Economic Forum (WEF) report, the future development of artificial intelligence (AI), robotics, and biotechnology will lead to the “Fourth Industrial Revolution” (Industrial 4.0). While bringing forth more life conveniences, these technologies will also upend the global economic model. According to the statistic of US Department of Labor, in the next 10 years, there will be more than 70% of computer operation related jobs within the fields of science and technology engineering. Talented creative young computer programmers will become the main force of the future world. At the same time, it is estimated that by 2020, more than 5 million jobs in the global economy will disappear.

Daniela Rus, director of the MIT Computer Science and Artificial Intelligence Center (CSAIL), stated that children can unlock their imagination, creativity, and problem-solving ability subliminally through exposure to computer calculations and logical thinking.

Regardless of whether they are male or female, they should all have this fundamental skill as the basic tools for invention and creation.

In fact, writing programs (coding) is a form of “superpower,” but to realize this power and malleablize it into any of the intended result requires creativity!

Traditional robot competitions (Maze, hoop shots, Lego, four-wheel drive vehicles, etc.) will soon be made obsolete by new impending innovative technologies. A farsighted robot competition must have as a feature “creativity” element to become the new reckoning force of tomorrow. “Silicon Valley World Creative Robot Competition” (SVWCRC) is built upon this very idea. Initiated in Silicon Valley, with the world as the target, utilizing Cloud systems (live broadcasting, synchronous playback, Cloud-based synchronous remote voting, etc.), SVWCRC is an exciting event that is “Crossing the meridian of robotic dream, create the future of cutting-edge vitality.”

Thus, in addition to competing on robot digital literacy, operational thinking, logical thinking, “Silicon Valley World Creative Robot Competition” (SVWCRC) provides an unbounded and unrestrained stage for a show of uninhibited creativity, preparing contestants for not only programming skills, but also imagination that roams free.

## **2. Silicon Valley World Creative Robot Competition:**

### **1. The Goal :**

The first “Silicon Valley World Creative Robot Competition” (SVWCRC) will be using “Dancing Robot” as the main competition theme. The event will be split into two concurrent sessions. The first session will be the “dancing robot” competition – competing robots must be able to move and dance, and be able to interact and dance with people. The other session of the event will be “human dancing” competition. The participants have to be able to dance, know how to dance, and even dance with robots!

All counties are encouraged and invited to participate. Responses from the following countries are particularly positive: USA, China, UK, France, India, Singapore, Korea, Japan, Vietnam, Thailand, the Philippines, Malaysia, Indonesia,...

### **2. Event Dates :**

October 1, 2017 (Sun) – October 14 (Sat), 2017

Oct 1 – 5, 2017, Expert guidance / workshops;

Oct 9 – 14, 2017, networking and idea exchange

Competition Dates: October 6 (Fri) – 8 (Sun), 2017

### **3. Event Venue :**

Silicon Valley, California, USA.

[Port of Arrival: San Francisco International Airport].