



SPECIAL AWARDS CEREMONY

# SILICON VALLEY INTERNATIONAL INVENTION FESTIVAL

## SVIIF 2026

Recognizing Excellence in Innovation & Invention

### AWARD CATEGORIES

- GRAND PRIX OF THE SILICON VALLEY INTERNATIONAL INVENTION FESTIVAL
- GRAND PRIX OF THE SILICON VALLEY INTERNATIONAL YOUTH INNOVATION OLYMPIAD
- SANTA CLARA MUNICIPALITY / SANTA CLARA MAYOR'S AWARDS (2 AWARDS)
- SEMI-GRAND PRIX OF THE SILICON VALLEY INTERNATIONAL INVENTION FESTIVAL (5 AWARDS)
- SEMI-GRAND PRIX OF THE SILICON VALLEY INTERNATIONAL YOUTH INNOVATION OLYMPIAD (3 AWARDS)
- PRIZE OF THE WORLD INTELLECTUAL PROPERTY ORGANIZATION -WIPO (5 CATEGORIES)
- PRIZE OF THE INTERNATIONAL FEDERATION OF INVENTORS' ASSOCIATION – IFIA (5 AWARDS)
- PRIZE OF THE UNITED INVENTORS ASSOCIATION OF AMERICA -UIA (4 CATEGORIES)
- THE SILICON VALLEY INTERNATIONAL INVENTION FESTIVAL AUDIENCE CHOICE AWARD (2 AWARDS)
- PRIZE OF THE CHINA ASSOCIATION OF INVENTIONS - CAI (4 AWARDS)
- PRIZE OF THE NATIONAL RESEARCH COUNCIL OF THAILAND - NRCT (3 AWARDS)
- PRIZA OF THE KOREA INVENTION PROMOTION ASSOCIATION - KIPA (3 AWARDS)
- PRIZE OF THE HONG KONG DELEGATION (2 AWARDS)
- PRIZE OF THE HONG KONG ECONOMIC AND TRADE OFFICE IN SAN FRANCISCO
- PRIZE OF THE INSTITUTE OF INNOVATION RESEARCH AND ATTRIBUTE VERIFICATION - RIVA (4 AWARDS)
- PRIZE OF THE TAIWAN INNOTECH EXPO (2 AWARDS)
- PRIZE OF THE TAIWAN INVENTION ASSOCIATION - TIA (3 AWARDS)
- PRIZE OF THE CROATIAN UNION OF INNOVATORS (2 AWARDS)
- PRIZE OF THE TASHKENT STATE TECHNICAL UNIVERSITY - TSTU
- PRIZE OF THE FILIPINO INVENTORS SOCIETY - FIS (3 AWARDS)

## **GRAND PRIX - THE SILICON VALLEY INTERNATIONAL INVENTION FESTIVAL**

awarded by Mr. Alireza Rastegar, IFIA President and Founder of the Festival, Mrs. Lisa Gillmor, Mayor of the City of Santa Clara and Mr. John Calvert, President of the jury

- ◆ **To:** Dr. Simson Wu / Amonova Limited - United Kingdom

**For:** : Regenerative Solar-Driven Air-to-Fertilizer Production Platform

## **GRAND PRIX OF THE SILICON VALLEY INTERNATIONAL YOUTH INNOVATION OLYMPIAD**

awarded by Mr. Alireza Rastegar, IFIA President and Founder of the Festival, Mrs. Lisa Gillmor, Mayor of the City of Santa Clara and Mr. John Calvert, President of the jury

- ◆ **To:** Yu-Sheng Huang, Chin-Yu Yang, Chin-Siang Yang, Kenneth Hsu, Jayden Weichieh Chen, Chen-Hsiang Ko, Yin-Hsi Liang, Calvin Yokuan Creekmore - Chinese Taipei

**For:** AllerDetect GO: An AI-Powered Comprehensive Allergen Detection and Analysis System

## **SANTA CLARA MUNICIPALITY / SANTA CLARA MAYOR'S AWARDS**

awarded by Mayor Mrs. Lisa M. Gillmor

### **BEST INTERNATIONAL INNOVATOR**

- ◆ **To:** ICTK Co., Ltd. - South KOREA

**For:** Apparatus and Method for Generting Physical Unclonable Function by Modifying Photo Mask of Semiconductor Process

### **BEST AMERICAN INNOVATOR**

- ◆ **To:** Seikun Design, USA - Huan Hsiung Tseng and Kuo-Hung Tseng

**For:** Original Shift System (O.S.S.)

## **SEMI-GRAND PRIX OF THE SILICON VALLEY INTERNATIONAL INVENTION FESTIVAL**

awarded by Mr. Alireza Rastegar, IFIA President and Mr. John Calvert, President of the jury

- ◆ **To:** Meiyun Wang, Dinggang Shen, Yaping Wu, Yan Bai, Wei Wei, Lingzhi Hu, Tuoyu Cao, Jianmin Yuan / Henan Provincial People's Hospital - China

**For:** Systems and Methods for Correlating Medical Images with Medical Reports

- ◆ **To:** Jehaad Aljohani, Duaa Mufarreh, Alanoud Alqarzaie, Hassan Alzahrani, Abdulrahman Alduraibi, Madaa Mufarreh from King Abdulaziz University & Tuwaiq Academy - Saudi Arabia

**For:** Solara

- ◆ **To:** Mr. Safarali Safarli, Ms. Laman Safarli, Ms. Malak Baghirova, Mrs. Sevinj Aliyeva, Mrs. Arzu Ibrahimova, Mr. Anar Mammadov, Mr. Togrul Guluzade, Mr. Tunjay Isgandarli, Mr. Kamran Mahmudov, Mr. Nurlan Abdullayev, Mr. Javid Jalilov, Mr. Ilham Suleymanov, Mr. Jahid Jabizada from Azerbaijan

**For:** M.R.S - Mercy Rescue Snake

- ◆ **To:** B. Keawaram, T. Boonprakob, J. Sittiyoth, W. Sawasdee, T. Sankumlue and C. Saengchan / Electricity Generating Authority of Thailand (EGAT) from Thailand

**For:** Smart Data Fusion: Enhancing UAV Photogrammetric Point Clouds with Terrestrial Laser Scanning

- ◆ **To:** KOEN, Electreeko - South Korea

**For:** Sponge Ball Degassing Saturation Device

## **SEMI-GRAND PRIX OF THE SILICON VALLEY INTERNATIONAL YOUTH INNOVATION OLYMPIAD**

awarded by Mr. Alireza Rastegar, IFIA President and Mr. John Calvert, President of the jury

- ◆ **To:** An-Yun Liu, Yu-Chieh Hsiao, Phoebe Lee, Yu-Kai Lin, Chia-Hsun Yao, Tsung-Yu Tsai, Allen Pin-Kuan Yeh, Pin-Yi Yeh, Pin-Wei Yeh - Chinese Taipei  
**For:** Rhythm Racer
- ◆ **To:** Amir Hashem mohammad Alkhalaileh from Al-Amad Technology School - Jordan  
**For:** Clean Plant Energy System for Future Aviation
- ◆ **To:** Zirui Wu, Zaiyao Liu, Guangzhou True Light Middle School, Tianjin Eco-City Affiliated to Beijing Normal University - China  
**For:** An Energy-Saving Lighting Control Scheme Controlled by Low-Power IoT Technology

## **PRIZE OF THE WORLD INTELLECTUAL PROPERTY ORGANIZATION (WIPO)**

awarded by Mr. Alireza Rastegar, IFIA President

### **WIPO NATIONAL AWARD FOR INVENTOR**

- ◆ **To:** Dr. Fu Hong, Prof. Chan Che Hin Chetwyn, Miss. Hou Beibei, Prof. Xu Yanwen, Prof. Wang Jun, Mrs. Wang Ying, Mr. Li Xiao, Miss. Qiu Minyu, Mr. He Ziyu, Miss. Wang Yanyue, Miss. Han Lin - Hong Kong SAR  
**For:** RoMetric: Intelligent Hand Function ROM Assessment System

### **WIPO NATIONAL AWARD FOR CREATIVITY**

- ◆ **To:** FIREBUSTER INC. - South Korea  
**For:** Fire Extinguisher Having Convenience to Manage and Use

### **WIPO NATIONAL AWARD FOR ENTERPRISES**

- ◆ **To:** T. Sungrai, M. Utsintong, P. Kookasamkij, T. Thaneerat / Department of Thai Traditional and Alternative Medicine - Thailand  
**For:** DTAM AlcoDeltaBlock™ Effervescent Tablets: An Innovative Public Health Solution for Alcohol Use Disorder Management

### **WIPO NATIONAL AWARD FOR WIPO USERS**

- ◆ **To:** Chui-Ping Hu, Jung-Hui Yen, Chen-Ying Chiang, Robert David Suhr, Chun-Tai Yen - Chinese Taipei  
**For:** LSF Intelligent Cross-Domain Pre-Test System

### **WIPO NATIONAL AWARD FOR SCHOOLCHILDREN**

- ◆ **To:** Liu Haolin, Ming Junyi, Xuan Xiwen, Ye Chun Yuk, Yan Zihan, Zhang Haoxuan / Shenzhen RDF International School - China  
**For:** Underwater Garbage Cleaning Robot

## IFIA BEST INVENTION AWARD

awarded by Mr. John Calvert, IFIA Vice President and SVIIF Jury President

- ◆ **To:** Ting-Wei Hsu - Chinese Taipei  
**For:** Novel Artificial Electronic Nose
- ◆ **To:** J. Sengnongban, S. Thammasirikul, P. Rittarwet, A. Khantachawana / Smart MED Group 2019 Co., Ltd with Thai Biomedical Engineering Association - Thailand  
**For:** PEAK: A Daily Bone-Support for Targeted Preventive Bone Care
- ◆ **To:** Le Minh Ngoc, Nguyen Hoang Tung Lam, Nguyen Hoang Ngan Linh from Vietnam  
**For:** An Explainable CT-Based AI Radiomics Model for Noninvasive EGFR Mutation Prediction in Vietnamese Lung Cancer Patients
- ◆ **To:** Si-Zhao J. QIN, Lisha YU, Weijian ZHANG, Haochen HOU - Hong Kong SAR  
**For:** GaitGPT: Bridging Clinical Reporting and Quantitative Gait Metrics for Accurate and Traceable Gait Analysis
- ◆ **To:** Kimblade Co., Ltd. - South Korea  
**For:** Wiper Blade Strip

## PRIZE OF THE UNITED INVENTORS ASSOCIATION OF AMERICA (UIA)

awarded by Mr. Matt Nuccioo, Board Member of the UIA

### MOST INNOVATIVE

- ◆ **To:** Domagoj Orec  
**For:** IZO-DOM Thermal Insulation Made from Recycled Textiles

### PINNACLE

- ◆ **To:** K-DEFENSE CO., LTD. / KOREA FIRE INSTITUTE  
**For:** One Touch Type Air Tank Connecting Assembly

### UIA BEST MARKETING

- ◆ **To:** FIREBUSTER INC  
**For:** Fire Extinguisher Having Convenience to Manage and Use

### RISING STAR (YOUTH AWARD)

- ◆ **To:** Hui-Han Cheng, Kaijing Hsu  
**For:** Intelligent Hazard Alarm Safety Helmet Management System

## THE SILICON VALLEY INTERNATIONAL INVENTION FESTIVAL AUDIENCE CHOICE AWARD

awarded by Mr. Alireza Rastegar, IFIA President

### BEST INVENTOR

- ◆ **To:** Chen Yongbing, Li Sidan, Zhang Qian, Zhang Bingdong, Xing Guirong / Beijing Shijitan Hospital, Capital Medical University, China Science Huachen Innovatech Co., Ltd. - China  
**For:** Laparoscopic Surgical Robot with Microwave Scalpel and Embodied Intelligent

### BEST YOUNG INNOVATOR

- ◆ **To:** Yu-Cheng Lin, Yi-Li Chen, Kuan-Chen Kuo, Yu-Che Chiang, Jui-Tse Sun, Chien-Hung Tien, Tzu-Hsun Kuang, Hsin-Tung Liu - Chinese Taipei  
**For:** Visible Knowledge: An Interdisciplinary Marble-Run STEM Learning Platform

## PRIZE OF THE CHINA ASSOCIATION OF INVENTIONS - CAI

awarded by Ms. Xiaolin Long, Delegation leader

- ◆ **To:** Le Quang Dung, Trinh Tai Anh, Nguyen Quoc Hieu Minh, Nguyen Dieu Anh, Nguyen Hoang Dam Thuyen  
**For:** A Machine Learning and Reinforcement Learning Framework for Dynamic Pricing and Promotion Optimization in Imported Eyewear Retail
- ◆ **To:** Lai Yin Qin  
**For:** AuraMist: Water Misting System for Enhancing Bathing Experience for Wheelchair Users
- ◆ **To:** Dr. Simson Wu / Amonova Limited  
**For:** Regenerative Solar-Driven Air-to-Fertilizer Production Platform
- ◆ **To:** Le Minh Ngoc, Nguyen Hoang Tung Lam, Nguyen Hoang Ngan Linh  
**For:** An Explainable CT-Based AI Radiomics Model for Noninvasive EGFR Mutation Prediction in Vietnamese Lung Cancer Patients

## PRIZE OF THE NATIONAL RESEARCH COUNCIL OF THAILAND - NRCT

awarded by Dr. Wiparat De-ong, Executive Director of NRCT

- ◆ **To:** Si-Zhao J. QIN, Lisha YU, Weijian ZHANG, Haochen HOU  
**For:** GaitGPT: Bridging Clinical Reporting and Quantitative Gait Metrics for Accurate and Traceable Gait Analysis
- ◆ **To:** FAZOS / Faculty of Agrobiotechnical Sciences Osijek  
**For:** Soil Microplastic Detection Methodology
- ◆ **To:** FIREBUSTER INC.  
**For:** Fire Extinguisher Having Convenience to Manage and Use

## PRIZA OF THE KOREA INVENTION PROMOTION ASSOCIATION - KIPA

awarded by Mr. Han, Chang Hee, KIPA Vice President

- ◆ **To:** Yu Hsia, Zhi-Ting Lin, Shih-Chi Lin, Tsu-Hsuan Chao  
**For:** Siphon-Based Micro Hydropower Generator
- ◆ **To:** Krittidetch Anan and Dusit Athinuwat  
**For:** Antibacterial Bed Sheets and Pillowcases from Thai Herbs for Elderly and Dependent Patients
- ◆ **To:** Dr. Fu Hong, Prof. Chan Che Hin Chetwyn, Miss. Hou Beibei, Prof. Xu Yanwen, Prof. Wang Jun, Mrs. Wang Ying, Mr. Li Xiao, Miss. Qiu Minyu, Mr. He Ziyu, Miss. Wang Yanyue, Miss. Han Lin  
**For:** RoMetric: Intelligent Hand Function ROM Assessment System

## **HONG KONG DELEGATION SPECIAL PRIZE**

awarded by Prof. Andrew Young, Representative of the Exhibition for Hong Kong SAR

- ◆ **To:** Sang-Won Baek  
**For:** Manufacturing Method of Molded Article for Water Purification
- ◆ **To:** Chen Yongbing, Li Sidan, Zhang Qian, Zhang Bingdong, Xing Guirong / Beijing Shijitan Hospital, Capital Medical University, China Science Huachen Innovatech Co., Ltd.  
**For:** Laparoscopic Surgical Robot with Microwave Scalpel and Embodied Intelligent

## **PRIZE OF THE HONG KONG ECONOMIC AND TRADE OFFICE IN SAN FRANCISCO**

awarded by Mr. D C Cheung, Director of the Hong Kong Economic and Trade Office, San Francisco and Mr. Lawrence Tang, Head of Business and Talent Attraction / Investment Promotion

- ◆ **To:** Daranee Saksiriphol  
**For:** Moral Mind Story Series: A Short Story Collection for Promoting Moral Values and Reading Habits in Children

## **PRIZE OF THE INSTITUTE OF INNOVATION RESEARCH AND ATTRIBUTE VERIFICATION - RIVA**

awarded by Dr. Nguyen Hoang Giang, Director of RIVA

- ◆ **To:** A. Petcharat, C. Heangha, K. Anusongsak, V. Donram and T. Charoentia  
**For:** Development of a Screening System for Detecting Potential Atrial Fibrillation Using Single-Lead Electrocardiography Combined with Artificial Intelligence
- ◆ **To:** K-DEFENSE CO., LTD. / KOREA FIRE INSTITUTE  
**For:** One Touch Type Air Tank Connecting Assembly
- ◆ **To:** Han Shaojie, Han Bo  
**For:** High-Quality Product Certification Method and System Based on Admission Determination
- ◆ **To:** NI Yang, Wei Jin, Zheng Hao / Architecture Design & Research Institute, South China University of Technology Co., Ltd.  
**For:** AI-Assisted Design System for Wind-Thermal Dual-Driven Ventilation Shaft Cavities

## **PRIZE OF THE TAIWAN INNOTECH EXPO FROM TAIWAN EXTERNAL TRADE DEVELOPMENT COUNCIL (TAITRA)**

awarded by Mr. David Chih-Hsiang Wu, Director-General, Taipei Economic and Cultural Office in San Francisco

- ◆ **To:** Domagoj Orec  
**For:** IZO-DOM Thermal Insulation Made from Recycled Textiles
- ◆ **To:** Henry Carlson  
**For:** Grip 'N' Slip 2.0

### **PRIZE OF THE TAIWAN INVENTION ASSOCIATION - TIA**

awarded by Mr. David Chih-Hsiang Wu, Director-General, Taipei Economic and Cultural Office in San Francisco

- ◆ **To:** W. Nitipaparnan, V. Vimolchalao, P. Chutima, S. Ekgasit / Chulalongkorn University  
**For:** AbleCoach: The Digital Collaboration Platform for Inclusive Workplaces

### **PRIZE OF THE TAIWAN INVENTION ASSOCIATION - TIA**

awarded by Ms. Sylvia Chang, President of the Taiwan Invention Association

- ◆ **To:** Jamshidbek Shamuratov, Paraxat Matyakubova, Patxulla Ismatullayev  
**For:** Vibrational Viscometer for Measuring the Viscosity of Liquid
- ◆ **To:** KOEN, Electreeko  
**For:** Sponge Ball Degassing Saturation Device

### **CROATIAN UNION OF INNOVATORS / ARCA SPECIAL AWARD**

awarded by Mr. Matija Zugec, Secretary General of the Croatian Union of Innovators

- ◆ **To:** Yu-Chi Cheng, Yu-Ming Cheng, Kai-Hsuan Weng  
**For:** Multi-purpose bionic rescue robot
- ◆ **To:** Sopa Visitsak and Nattaree Sridaranon / Kasetsart University  
**For:** Natural Ventilation Skydome (100% Direct Radiation Protection)

### **TASHKENT STATE TECHNICAL UNIVERSITY / TSTU SPECIAL AWARD**

awarded by Ms. Paraxat Matyakubova, Head of the Department Metrology, Technical Regulation, Standardization

- ◆ **To:** Tsung-Hsin Lin, Chia-Ling Lin, Yu-Xuan Wu, Tsung-Jen Su, Yao-Ren Li, Shang-Hua Yang, Yu-Ching Kang, Yi-Li Lin  
**For:** Copper Alloy Coatings for Semiconductor Manufacturing

### **PRIZA OF THE FILIPINO INVENTORS SOCIETY - FIS**

awarded by Mr. Rigel R Gomez, Director of the Business Promotions-FIS

- ◆ **To:** Ashok Iyaswamy  
**For:** Development of Fe65-Engineered Exosome-Corynoxine B Nasal Spray for Alzheimer's Disease Therapy
- ◆ **To:** Dr. Fu Hong, Prof. Chan Che Hin Chetwyn, Miss. Hou Beibei, Prof. Xu Yanwen, Prof. Wang Jun, Mrs. Wang Ying, Mr. Li Xiao, Miss. Qiu Minyu, Mr. He Ziyu, Miss. Wang Yanyue, Miss. Han Lin  
**For:** RoMetric: Intelligent Hand Function ROM Assessment System
- ◆ **To:** Ian Jiang, Allan Jiang, Sumo Chen, Kaiyi Wang, Zeyu Tian, Yue Zhu, Xinzhaoh Gu  
**For:** WiseSense