The 22nd TECO AWARD

東元獎

第二十二屆
頒獎典禮相片集
【創意東元．科文共裕】

第二十二屆東元獎

頒獎典禮

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以「探針」圓方尖碑的歷史形式，及堅實精確的探索精神，發掘科技與人文的菁英。探索科技與人文未來發展趨勢，並展望未來世界的發展。以圓球宇宙的象徵，融合中國太極陰陽的設計理念，表彰人類科技與人文成就，並呈現科技人文關懷在東元的永續精神。

第二十二屆「東元獎」頒獎典禮，於中華民國一百零四年十一月七日假松菸誠品表演廳舉行，為表彰得獎人科技與人文的成就，恭邀中央研究院李遠哲榮譽院長頒獎；同時，特別邀請「台灣純絃」在典禮中精采演出，以精緻之藝文表演貫穿「東元獎」的人文精神，彰顯東元獎「科文共裕」的精神。

第二十二屆東元獎　得獎人名單

類別 Category	姓名 Name	評語 Description
電機 / 資訊 / 通訊科技 Electrical Engineering/ Information/ Communication Technology	**郭大維 先生** Dr. Tei-Wei Kuo	長期進行非揮發性記憶體之軟體與系統設計及嵌入式作業系統設計研究，領先國際，擔任學術期刊主編，大幅提升臺灣於 CPS 領域之國際知名度。積極協助政府與業界，提供研發規劃服務，有具體貢獻。 Prof. Kuo devotes himself to the research and development of non-volatile memory software and embedded operating systems for years, where he is widely recognized as a leading researcher in the areas. The visibility of Taiwan in the research area of cyber-physical systems (CPS) dramatically increases because of his leadership as an Editor-in-Chief of the ACM journal on CPS. Prof. Kuo also has been making great contributions to the government agencies with his strategic planning and reviewing services and the industry in various ways.
	林智仁 先生 Dr. Chih-Jen Lin	致力於機器學習領域的研究，發表之 SVM 論文具學理與實務價值，對該領域之發展貢獻重大。所開發之 LIBSVM 軟體為國際廣泛使用，對該領域之研發有重要助益。 Significant contributions were made to the machine learning community by making SVM a useful technique for data analytics. The developed LIBSVM software is widely applied in industry and has a significant impact to advancement of machine learning research.
機械 / 能源 / 環境科技 Mechanical Engineering/ Energy/ Environmental Technology	**蔡克銓 先生** Dr. Keh-Chyuan Tsai	致力於建築結構抗震實驗與分析技術研究，發展多種建築結構之鋼造減震裝置與挫屈束制支撐構件，並應用於國內及紐西蘭共百多棟建築工程，獲國內外榮譽獎多項。 Continued working on the development of experimental and analytical techniques for seismic evaluation of buildings. Developed and implemented several types of buckling restrained brace members on more than 100 buildings in Taiwan and New Zealand. Received several awards on science-and-technology achievement.
	馮展華 先生 Dr. Zhang Hua Fong	致力於齒輪刀具開發、齒輪工具機開發、齒輪設計與模擬軟體開發等，成果被產業廣泛應用，成功創造超過每年五十億元的產值，並獲行政院傑科獎等獎項。 Professor Fong dedicate himself to the gear related researches such as gear cutting tool, gear manufacturing machine tools, gear design and simulation software, etc. His work had been applied by industry and earn a revenue of 5 billion NT dollars per year. His achievement is also recognized by several awards such as the award for outstanding contributions in science and technology, Executive Yuan, 2013.
化工 / 材料　　科技 Chemical Engineering/ Material Technology	**宋信文 先生** Dr. Hsing-Wen Sung	致力於生物醫學工程研究，顯著提升我國國際學術地位。研發藥物釋放載體，突破現有技術水準，技轉成績卓越。在學術服務方面，主動積極，績效卓著。 Has been dedicated to Biomedical Engineering Research, significantly enhancing the international academic status of local society. Developing drug delivery platforms, beyond the current level of technologies. Excellence in technology transfer performance as well as in academic services.
	彭裕民 先生 Dr. Yu-Min Peng	致力於電化學工程與材料的結合，提昇我國電解電容及鋰電池產業附加價值與國際競爭力。特別在抑制鋰電池內短路的 STOBA 材料，領先國際突破現有技術水準，成效卓著。 Dr. Peng has been dedicated to bringing together electrochemical engineering technology with materials technology, which greatly enhanced added-value and international competitiveness of electrolytic capacitors and lithium battery industries. In particular, STOBA material for suppressing internal short-circuit inside a lithium battery is a remarkable achievement and a global breakthrough technology.
生物 / 醫工 / 農業科技 Biology/ Biomedical Engineering/ Agricultural Technology	**楊志新 先生** Dr. Chih-Hsin Yang	對於第二代肺癌標靶治療藥物的開發有顯著貢獻，並證明臺灣在臨床藥物開發，已可和歐美平行發展，甚至超前，對臺灣生技業意義重大，且在肺癌臨床研究領域深獲國際肯定。 He has a significant contribution to the development of second generation lung cancer targeted therapy, consequentially, provided the evidence that the clinical drug development in Taiwan is now in parallel with western countries; and in some special areas even leads the world. This contribution is very important to current biotechnology industry in Taiwan. In addition, his expertise in lung cancer clinical research is well recognized in the world.
人文類－〈森林復育〉 Humanities- Human Service <Forest Restoration>	**賴倍元 先生** Mr. Bei-Yuan Lai	致力種樹三十年，全係自力勵行。能配合因應氣候變遷減緩及調適策略，強化國土自然資本建設。森林復育種樹面積可觀，能鼓勵全社會行動，社會教育意義重大。 Mr. Lai has been dedicated to tree planting for 30 years, entirely with his own resources. His effort has made tremendous contribution in slowing climate change and adjusting strategies for the enhancement of natural capital development. It results in considerable amount of reforestation, inspires broader societal response and has meaningful impact in educating whole society.
	黃瑞祥 先生 Dr. Rui-Xiang Huang	專注對本土珍貴物種復育有卓越貢獻。對亞泥礦場綠化投入大量心力，並催生關渡自然公園。前後服務民間機構及政府單位，利用個人時間，全力復育牛樟，甚有典範意義。 Dr. Huang has made outstanding contribution through his focus on the restoration of rare local species. He also has devoted to greening a former quarry of Asia Cement Co. and helped to give birth to Guandu Nature Park. Either serving in the private sector or government sector, he has used up his personal time to restore stout camphor trees; it sets a very good example for others to follow.


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TECO
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郭瑞嵩 先生

東元科技文教基金會 董事長

邱純枝 女士

東元電機 董事長

劉兆凱 先生

東元集團 副會長

史欽泰 先生

東元獎 總召集人

李遠哲 先生

東元獎頒獎人（中央研究院 榮譽院長）

郭大維 先生

電機／資訊／通訊科技領域 得獎人


The 22nd
TECO AWARD
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頒獎典禮


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林智仁 先生

電機／資訊／通訊科技領域 得獎人


東元獎
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The
22nd
TECO
AWARD


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蔡克銓 先生

機械／能源／環境科技領域 得獎人


AWARD

馮展華 先生

機械／能源／環境科技領域 得獎人


The
22nd
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頒獎典
暨[榮耀絃舞一台灣純絃音


暨[榮耀絃舞一台灣純絃音樂會]

宋信文 先生

化工／材料科技領域 得獎人


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彭裕民 先生

化工／材料科技領域 得獎人


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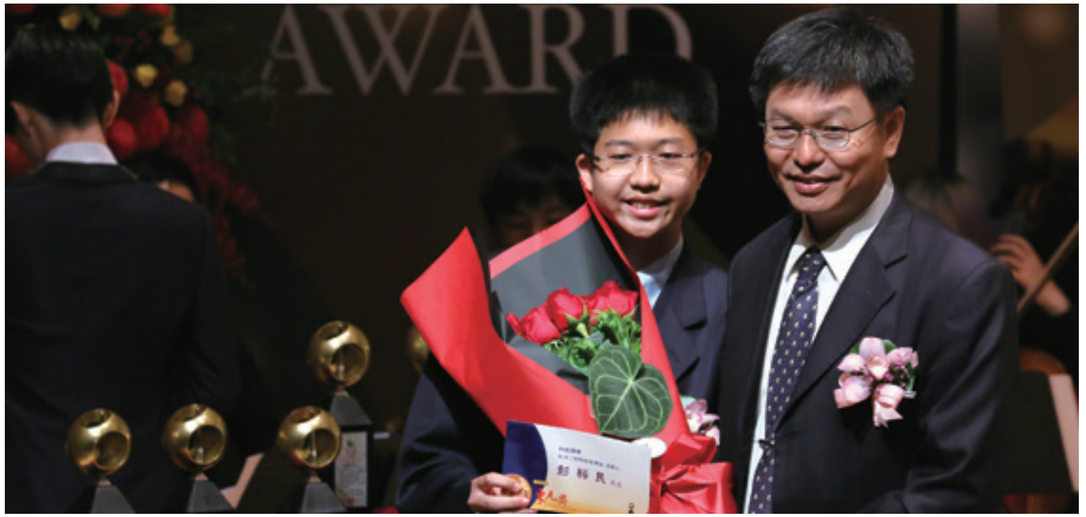
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楊志新 先生

生物／醫工／農業科技領域 得獎人


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賴倍元 先生

人文類獎〈森林復育〉 得獎人


東元獎
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東元・科文

黃瑞祥 先生

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22nd
TECO
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