

## 量子科學與技術郵票小全張

2025 年適逢量子力學誕生 100 週年，聯合國教科文組織將其訂定為國際量子科學技術年。普朗克提出能量量子化，愛因斯坦引入光量子理論，揭開量子力學的序幕。為彰顯量子科學技術為人類科技革新建立嶄新里程碑，本公司特規劃小全張 1 張，採燙印金箔，內含面值 15 元郵票 4 枚，預定於 114 年 4 月 14 日發行。

郵票主題分別採「黑體輻射、光電效應」、「康普頓效應、波耳原子模型」、「波包、薛丁格的貓」及「量子位元、量子通訊」，倡議基礎量子科學的研究與貢獻，以及量子科技在發展永續能源、醫學、通訊、產業基礎建設、金融基礎安全性等扮演關鍵性角色，並期許臺灣持續強化量子科技研究量能，提升國際能見度。

本套郵票由台灣物理學會規劃，日日視覺藝術有限公司設計，法國卡特安全印刷廠以彩色平版印製。配合郵票發行，特印製首日封、貼票卡、護票卡及活頁集郵卡各 1 批，於 114 年 4 月 10 日開始發售；另製作預銷首日戳小全張封於 4 月 14 日郵票發行當天出售，歡迎選購。其他詳情請參閱本公司印發之集郵報導或今日郵政月刊。

# **Chunghwa Post Co. Ltd.**

## **Republic of China**

Postage Stamps Issuing  
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Taipei, Taiwan, R.O.C.

### **Quantum Science and Technology Souvenir Sheet**

The year 2025 marks the 100<sup>th</sup> anniversary of the birth of quantum mechanics, and UNESCO has designated it as the International Year of Quantum Science and Technology. Max Planck's introduction of energy quantization, followed by Albert Einstein's idea of light quantum, heralded the advent of quantum mechanics. To highlight the milestone that quantum science and technology have established in human technological innovation, Chunghwa Post is releasing a souvenir sheet with four NT\$15 stamps, featuring golden metallic hot foil stamping.

The themes of the stamps are “Blackbody Radiation, Photoelectric Effect,” “Compton Effect, Bohr's Atomic Model,” “Wave Packet, Schrödinger's Cat,” and “Quantum Bit, Quantum Communication.” These themes advocate for research and contributions in fundamental quantum science and highlight the crucial role of quantum technology in developing sustainable energy, medicine, communications, industrial infrastructure, and financial security. It also expresses the hope that Taiwan will continue to strengthen its quantum technology research capacity and enhance its international visibility.

This set of stamps was planned by The Physical Society of Taiwan, designed by 247 Visual Art, and printed in color offset by Cartor Security Printing (France). By-issues include a first-day cover, folders with and without crystal mounts, and a loose-leaf album page to be sold on April 10, 2025. A Pre-cancelled FDC with a souvenir sheet will go on sale on April 14, 2025, the stamps' date of issuance. For more information, please refer

to the upcoming *Philatelic Bulletin* or *Postal Service Today*.