



恭賀 物理系 張敬民教授 果尚志教授 榮獲 2013 美國物理學會新會士！



Two Taiwan Physicists from National Tsing Hua University are elected to become 2013 Fellow of the American Physical Society



清華大學 研發長
物理系 果尚志 教授



物理系 張敬民 教授

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今年榮獲美國物理學會新會士的兩位台灣傑出教授，為來自清華大學物理系的張敬民教授與果尚志教授，分別由美國物理學會粒子物理組與國際物理論壇所推薦而獲殊榮。

美國物理學會稱揚張敬民教授：「其具影響力的貢獻在於新物理和標準模型，尤其是電弱對稱破缺在對撞機中的現象分析」；表揚果尚志教授：「其重要貢獻在於開發新穎製程方法成長，並且探測三族氮化物半導體材料的表面及接面材料特性，與其奈米結構之材料光電特性與應用。亦成功發展了超穎材料以及製作出可突破光學繞射極限之電漿子奈米雷射；其研究成果在該領域皆具有相當的國際影響力。此外，亦積極地實踐並推廣物理研究之國際合作。」

對於會士榮銜，美國物理學會如此描述：「美國物理學會會士之頒發，是經過極為嚴謹的審查過程，由各組的遴選委員、國際頂尖組織及論壇，依據個人物理研究上的突出貢獻來提名推薦，因僅遴選出總名額 0.5% 以內的學者專家，因此公認為物理學界至高榮譽之一。」

同為 APS 會士，清華大學物理系主任潘犀靈教授也對此回應：「張教授與果教授是今年台灣物理學界脫穎而出獲選的兩位科學家。先前，物理系已有 5 位教授獲此榮銜；此次再度肯定清華大學以及物理系傑出及優秀的傳統。」

APS Fellow

朱國瑞	1983
張石麟	2007
潘犀靈	2009
郭瑞年	2009
齊正中	2012
張敬民	2013
果尚志	2013

現任清華大學校長的陳力俊院士得知這項消息時也欣喜表示：清華大學名列現今亞太地區最優秀大學之一，正是因為清華大學為培育積極求知的年輕學子，致力營造優良的學術氛圍，並提供他們邁向成功所需的軟硬體設施。陳校長備感欣慰，清大有幸擁有如張教授及果教授這般傑出、年輕的研究學者，於全球研究發表上成果卓著。而物理系這兩位年輕、一流的物理學者所帶領的研究團隊，不只是清大、乃至於是亞太地區珍貴的學術寶藏，超越創新，突破已知。

December 16, 2013

Press Release from National Tsing Hua University

Two faculty members from the Department of Physics of the National Tsing Hua University (NTHU) became this year's two Taiwan's new American Physical Society (APS) Fellows. They are Professor Kingman Cheung, who was nominated by the Division of Particles and Fields and Professor Felix Shangjr Gwo, who was nominated by the Forum on International Physics.

. The citations for Cheung is

“For his influential contributions to collider physics in and beyond the Standard Model, especially the origin of electroweak symmetry breaking,”

and for Gwo is

“For his important contributions in developing innovative approaches for growth and fundamental studies of semiconductor surfaces, interfaces, and nanostructures, for his experimental breakthroughs in developing plasmonic metamaterials and plasmonic nanolasers, and for his promotion of international collaborations in physics.”

According APS website, *“APS fellowships are awarded after extensive review and are considered a distinct honor because the evaluation process, conducted by the fellowship committees of individual divisions, topical groups and forums, relies on nomination and recommendation by one's professional peers. Election to APS fellowship is limited to no more than one half of 1 percent of APS' membership for a given year.”*

Echoing how APS describes about the importance of its Fellowship, Professor C. L. Pan, Chairperson of NTHU's Physics Department said that: *“Professors Cheung and Gwo are the only two elected from scientists working in Taiwan this year. I should add that, since 2009, five physics faculty have been elected APS Fellows. This recognition is yet another testimony of the tradition of excellence of the department and NTHU.”*

When Academician Lih J. Chen, President of NTHU was informed of the good news about Cheung and Gwo, he excitedly said that *“one of the reasons why National Tsing Hua University is one of the best universities in Asia Pacific today is precisely because NTHU has the right intellectual ambiance to nurture young and inquisitive minds and provide them with the necessary soft and hard tools to succeed. I am so pleased that undoubtedly NTHU has truly outstanding young researchers, such as Cheung and Gwo, making significant waves in the global research landscape. The teams of young scientists led by these two first rate faculty members in the physics department are not only intellectual jewels for our university, or for Asia Pacific, but for pushing the envelopes of innovation as well as our understanding as to how the universe works.”*