Mr Chancellor,

Teaching, research and service are the three pillars of academic life. Professor Yuen-Ron SHEN, whom we honour here today, has distinguished himself in each of these domains. A native of Shanghai, he took his BS in Taiwan, his MS at Stanford University, and his doctorate at Harvard University. After a year as a Postdoctoral Fellow at Harvard, he joined the University of California at Berkeley in 1964, where he is currently Professor of Physics and Principal Investigator in the Materials and Chemical Sciences Division and the Center for Advanced Materials at the Lawrence Berkeley National Laboratory.

Professor SHEN holds honorary professorships at Fudan University, Zhongshan University and the Chinese Academy of Sciences. He is Guest Professor at Peking University and the Institut de Physique et Chimie des Matériaux in Strasbourg, and has held a number of distinguished lectureships at universities in the United States, including at Chicago, Nebraska, Pennsylvania, Southern Illinois and Wisconsin.

He is renowned as an inspiring teacher, and has played a leading role in nurturing a generation of Chinese students at Berkeley. His care for his students is manifested in his desire to inculcate in them an intellectual curiosity and to motivate them a genuine love for physics. He insists that his students receive appropriate and adequate training for their research, and he sets very high standards both of himself and of his students. He has a reputation for sustained hard work, and would return to his projects even after a late-night party. As one of his former students put it, “He drove me crazy. But, boy, did I learn from him!”

His approach to research is characterised by a determination to succeed, but not at the sacrifice of intellectual honesty. The quest for truth is more important than whether the results do or do not bear out the theory.

His principal research achievements have been in the fields of quantum electronics, laser spectroscopy, molecular and condensed matter physics, and surface science. In particular he has done pioneering work in many areas of nonlinear optics, contributing to their basic understanding, and has created active research fields in nonlinear optics in liquid crystals and nonlinear optical studies of surfaces and interfaces. In recognition of his seminal work in these disciplines, he received the Charles Hard Townes Award of the Optical Society of America in 1986, and the Arthur L. Schawlow Prize in 1998.

Professor Shen is the author or co-author of over 420 publications, including the authoritative and widely used monograph on nonlinear optics, *The Principles of Nonlinear Optics*.

He has received prestigious honours in his profession, having been elected as a Fellow of the Chinese Academy of Sciences, and of Academia Sinica, the American Academy of Arts and Sciences, and the United States National Academy of Sciences.

Our own University has benefited from his counsel since the earliest planning days: he advised the President on the planning of our Physics Department even before the latter took up his job in Hong Kong, and was a founding member of our School of Science Advisory Committee. The University will always remain grateful to him for giving of his wisdom and experience in our early years.

Mr Chancellor,

I have the honour to present, on behalf of the University, Professor Yuen-Ron Shen, Professor of Physics, Academician, for the degree of Doctor of Science honoris causa.


沈教授勤於寫作，曾發表及參與寫作的學術論文超過420篇，其中包括具权威性及廣為採用的學術專論《非線性光學原理》。

沈教授榮獲多個學院院士銜，他是中國科學院院士、中央研究院（台北）院士、美國文理科學院院士及美國國家科學院院士。

我在籌辦階段也得到沈教授不少的指導，我們的校長在正式加入科大之前也曾向他請教開辦物理學系的心得。沈教授是科大校長顧問委員會創校委員，他的智慧和經驗無可計量，對此我們將銘記於心。

監督先生，本人謹在此請下，頒授榮譽理學博士學位予物理學教授及研究院院士沈允環教授。