

Mathematics professor selected for prestigious fellowship



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The respected and well-known Society for Industrial and Applied Mathematics (SIAM) has bestowed a special honour upon a City University of Hong Kong (CityU) mathematics professor.

Chair Professor Philippe Ciarlet from the Department of Mathematics was named a SIAM Fellow for his contribution to mathematics. Specifically, the society said he was recognised for his “contributions to numerical analysis and computational mechanics, particularly to the development of the mathematical theory of finite element methods and the modelling of elastic structures.” The fellowship took on extra significance, given the fact very few recipients were outside the US.

“The prestige of SIAM in the world of applied mathematics will unquestionably mean this fellowship reflects well on CityU’s international standing,” said Professor Ciarlet.

Professor Douglas Arnold, President of SIAM, said the programme created last year would continue to grow in stature. “I believe the SIAM Fellowship will eventually come to be regarded as similar in stature to the IEEE Fellowship.” The highly regarded IEEE Fellowship is awarded for outstanding achievements in engineering and technology.

SIAM is an international community of close to 12,000 individual members. Almost 500 academic, manufacturing, research and development, service, and government organisations worldwide are institutional members.

SIAM fosters the development of applied mathematical and computational methodologies needed in these various application areas. Through publications and research, SIAM promotes cooperation between mathematics and the worlds of science and technology.

Professor Ciarlet’s research interests include numerical analysis, computational mechanics, mathematical modelling, mathematical elasticity, plate theory, shell theory and applied differential geometry. He is a member of seven academies, including the French Academy of Sciences and the Academy of Sciences for the Developing World (TWAS). He has received numerous awards, including an Alexander von Humboldt Research Award, a Grand Prize from the French Academy of Sciences, and the Shanghai Prize for International Cooperation and Technology.

數學教授獲得著名學會 院士榮銜

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香港城市大學（城大）數學系菲立普希阿雷講座教授獲著名工業及應用數學學會頒授院士榮銜，以表彰他在數值分析及計算機械領域的貢獻，特別是有限元素法數學理論及彈性結構建模發展範疇的成績。希阿雷教授是美國本土以外少數獲得這一院士榮銜的學者。

「工業及應用數學學會在應用數學界舉足輕重，其院士榮銜毫無疑問肯定了城大的國際地位，」希阿雷教授說。

工業及應用數學學會主席Douglas Arnold教授表示，該會去年創立的院士銜制度將會逐步建立地位。「我認為，工業及應用數學學會的院士銜最終將與電機暨電子工程師學會（IEEE）的院士銜比肩齊聲。」廣受推崇的電機暨電子工程師學會院士銜授予在工程及科技界具有傑出成就人士。

工業及應用數學學會擁有近12,000名個人會員，會員遍佈全球，並有約500名來自學術、製造、研究發展、服務顧問、政府組織的國際機構會員。學會致力加強應用數學及計算方法在各方面的應用發展。該會透過研究及出版，推動數學與科學及科技界的合作。

希阿雷教授的研究興趣包括數值分析、計算機械、數學建模、數學彈性、板塊理論、層殼理論及應用微分幾何學。他是七個科學院院士，其中包括法國科學院及第三世界科學院。他曾獲得多個獎項，如德國宏博基金會的「宏博研究獎」、法國科學院大獎及上海國際科學及科技合作獎。

Media coverage 媒體報導：

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