



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

講者簡介 Speaker Profile

中村修二教授

2020 年澳門大學榮譽理學博士

2014 年諾貝爾物理學獎得主

美國加利福尼亞大學聖塔芭芭拉分校固態照明及能源電子學中心研究主任、固態照明及顯示 Cree 教授

中村修二教授在日本德島大學取得電機工程學士、碩士及博士學位。中村教授因實現了世界上第一個 III 族氮化物基藍／綠發光二極管和 III 族氮化物基紫色激光二極管而廣受讚譽。他於 1999 年起加入美國加利福尼亞大學聖塔芭芭拉分校，現任固態照明及能源電子學中心研究主任、固態照明及顯示 Cree 教授。中村教授的研究包括有機金屬化學氣相沉積以及 III 族氮化物發光材料的生長與器件製備。2006 年，中村教授憑借他研發的革命性新型節能光源贏得千禧科技獎，隨後於 2014 年憑藉其高效藍光二極管研究榮獲諾貝爾物理學獎。

Professor Shuji Nakamura

Doctor of Science *honoris causa*, University of Macau, 2020

Nobel Laureate in Physics, 2014

Research Director of Solid State Lighting and Energy Electronics Center, Cree Professor in Solid State Lighting and Display, University of California, Santa Barbara

Professor Shuji Nakamura obtained his B.E., M.S. and Ph.D. degrees in Electrical Engineering from the University of Tokushima. Professor Nakamura is widely recognized for developing the first III-nitride-based blue/green LEDs and III-nitride-based violet laser diodes. He joined the University of California, Santa Barbara in 1999. He is currently the Research Director of Solid State Lighting and Energy Electronics Center and the Cree Professor in Solid State Lighting and Display. His research includes MOCVD growth and device fabrication of III-nitride-based light-emitters. He received the 2006 Millennium Technology Prize for his invention of revolutionary new energy-saving light sources and the 2014 Nobel Laureate in Physics for the invention of efficient blue LEDs, which have enabled bright and energy-saving white light sources.