

# Hearty Congratulations to our Associate Editor Prof. Hiroshi Amano on getting Nobel Prize!!!

It is a matter of great pleasure and immense pride that one of our associate editors **Professor Hiroshi Amano** has been awarded the **Nobel Prize in Physics 2014** for the invention of efficient blue light-emitting diodes which enabled bright and energy-saving white light sources.



**Hiroshi Amano** received his Doctor-in-Engineering degree in 1989 from Nagoya University, Japan. Subsequently, he carried out post-doctoral research there for 3 years. In 1992, he joined Meijo University as an Associate Professor in the Dept. of Materials Science & Engineering. In 2010, he moved to the Dept. of Electrical Engineering and Computer Science at Nagoya University, where he is currently the head of the department. As early as a Masters' student in 1985, he grew low-temperature-deposited buffer layers which led the technology vendors to the development of high-quality group III nitride semiconductor-based light-emitting diodes (LED) and laser diodes (LD). In 1989, he succeeded in growing *p*-type GaN and fabricating *p-n* junction LED for the first time in the world. Currently he is involved in the development of new crystalline growth methods of compound semiconductor hetero-structure. He is deeply interested in solar-spectrum LED for the next generation illumination, visible and UV laser diodes for medical treatment, ultimate-efficiency tandem solar cell, high-power and high-voltage switching device, Si-GaN hybrids, etc. Professor Amano has authored > 600 technical papers and contributed to 20 books. His work has brought him numerous awards such as IEEE/LEOS Engineering Achievement Award (1996), Japan Society for Applied Physics C Award (1998), Rank Award (1998), Marubun Academic Award (2001), Takeda Award (2002), NISTEP (National Institute of Science & Technology Policy) Researcher Award (2009).

Prof, Amano is one of the founder editors of *Materials Express*. He has been continuously serving this journal as an Associate Editor (2011–till date). Team *Material Express* and *American Scientific Publishers* congratulate **Amano** for the distinction conferred on him and wish him many more successes in scientific, social and personal life.