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.