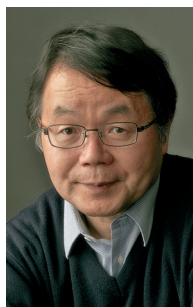


## Awarded ...

## Japan Prize 2016



H. Hosono



S. Murai



S. Maeda

The Japan Prize, which is worth 50 million yen, is awarded to internationally renowned scientists and engineers for achievements in science and technology that have contributed “to the peace and prosperity of mankind”. The winners of the 2016 prize are **Steven D. Tanksley** (Cornell University) and **Hideo Hosono** (Tokyo Institute of Technology), who is co-author of reports in *Angewandte Chemie* on tetragonal layered mixed-anion arsenides,<sup>[1a]</sup> and in *Advanced Energy Materials* on mixed-valence tin oxides.<sup>[1b]</sup> Hosono studied at Tokyo Metropolitan University, where he completed his PhD (supervised by Takafumi Kanazawa and Hiroshi Kawazoe) in 1982. He subsequently joined the faculty at the Nagoya Institute of Technology, and spent the year 1988–1989 as a postdoctoral fellow with Robert A. Weeks at Vanderbilt University. In 1995, he moved to the Institute for Molecular Science, Okazaki, and in 1999, he joined the Tokyo Institute of Technology, where he is professor in the Materials and Structures Laboratory and Founding Director of the Materials Research Center for Element Strategy. Hosono was honored for his work on unconventional inorganic materials, and his research interests include oxide-based materials, amorphous oxide semiconductors, and iron-based superconductors. Hosono is on the International Advisory Board of *ChemNanoMat*.

## Asahi Prize 2015

The Asahi Prize is presented to individuals and groups who have “greatly contributed to the development and progress of Japanese culture and society at large” through their academic or artistic achievements. Among the winners of the 2015 prize is **Shinji Murai** (Osaka University), who was honored for his work on “developing an innovative synthetic method based on the activation of unreactive bonds”. Murai studied at Osaka University, where he completed his PhD in 1966. He was on the faculty at Osaka University from 1966–2002, and he was Director and then Supervising Director of the Japan Science and Technology Agency Innovation Plaza, Osaka from 2002–2012. He is currently Professor at the Nara Institute of Science and Technology and General Manager of the Iwatani Corporation R&D Center. Murai’s research is in the area of catalytic carbon–hydrogen bond activation reactions. He has published a classic Review in *Angewandte Chemie* on the catalytic reactions of olefins with hydrosilanes and carbon monoxide,<sup>[2a]</sup> and was the editor of a special issue of *Advanced Synthesis & Catalysis* on the

activation of unreactive bonds for organic synthesis.<sup>[2b]</sup> Murai was on the Academic Advisory Board of *Advanced Synthesis & Catalysis* from its inception in 2001 until 2010.

## Merck–Banyu Lectureship Award for Satoshi Maeda

Satoshi Maeda (Hokkaido University) is the winner of the 2015 Merck–Banyu Lectureship Award, which is sponsored and administered by Merck Research Laboratories and Banyu Life Science International. This award is given to scientists under the age of forty for outstanding achievements in the area of organic chemistry. Maeda studied at Tohoku University, where he worked with Koichi Ohno for his PhD (awarded in 2007). From 2007–2010, he carried out postdoctoral work in Ohno’s group, and with Keiji Morokuma at Emory University and Kyoto University, and in 2010, he was made assistant professor at Kyoto University. In 2012, he joined the group of Tetsuya Taketsugu at Hokkaido University, where he is currently associate professor. Maeda’s research interests include the development of automated reaction path search methods, and applications of these methods to complex reaction systems. He is co-author of reports in *Angewandte Chemie* on catalytic transfer hydrogenation,<sup>[3a]</sup> and in *Chemistry—An Asian Journal* on computational and experimental studies of asymmetric direct aldol reactions.<sup>[3b]</sup>

- [1] a) H. Mizoguchi, S.-W. Park, H. Hiraka, K. Ikeda, T. Otomo, H. Hosono, *Angew. Chem. Int. Ed.* **2015**, *54*, 2932; *Angew. Chem.* **2015**, *127*, 2975; b) J. Wang, N. Umezawa, H. Hosono, *Adv. Energy Mater.* **2016**, *6*, 1501190.
- [2] a) S. Murai, N. Sonoda, *Angew. Chem. Int. Ed. Engl.* **1979**, *18*, 837; *Angew. Chem.* **1979**, *91*, 896; b) for his Commentary article, see S. Murai, *Adv. Synth. Catal.* **2003**, *345*, 1033.
- [3] a) G. Zeng, S. Maeda, T. Taketsugu, S. Sakaki, *Angew. Chem. Int. Ed.* **2014**, *53*, 4633; *Angew. Chem.* **2014**, *126*, 4721; b) S. A. Moteki, H. Maruyama, K. Nakayama, H.-B. Li, G. Petrova, S. Maeda, K. Morokuma, K. Maruoka, *Chem. Asian J.* **2015**, *10*, 2112.

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In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.