Charles H. Stone Award for Jean-Luc Brédas

The ACS Carolina-Piedmont section has presented Jean-Luc Brédas (Georgia Institute of Technology, USA) with the Charles H. Stone Award. This award recognizes a chemist who has made outstanding and valuable achievements in chemical research. Brédas is involved in computational studies of the structural, electronic, optical, and interfacial properties of organic (nano)materials that have promising characteristics applicable to electronics, photonics, and information technology. His research exploits polymer and oligomer materials ("plastics") with a π-conjugated backbone.[1]

Brédas received his doctorate in 1979 with J. M. André at the Facultés Universitaires Notre-Dame de la Paix a Namur (Belgium) and did postdoctoral research in the USA before returning to Belgium to continue his career at the Université de Mons-Hainaut. In 2003, he was appointed Professor of Chemistry and Biochemistry at the Georgia Institute of Technology and before this his group was based at The University of Arizona (1999–2003). Brédas is a member of the advisory board of *Advanced Functional Materials*.

Izatt–Christensen Award for Luigi Fabbrizzi

The 2010 International Izatt–Christensen Award in Macrocyclic Chemistry was presented to Luigi Fabbrizzi (University of Pavia, Italy). Fabbrizzi is the first Italian winner of the prize, whose past winners include Jean-Pierre Sauvage, J. Fraser Stoddart, and Makoto Fujita.

Fabbrizzi was educated at the University of Florence (Italy) where he received his doctorate in 1969 and did postdoctoral studies (1971–1972) with Piero Paoletti while working at the Istituto di Chimica Generale directed by Luigi Sacconi. He was subsequently appointed Lecturer of Inorganic Chemistry (1973–1980) at the same University. In 1980, Fabbrizzi moved to the University of Pavia and was appointed as Professor of Chemistry in the Faculty of Science. His research involves, among other things, investigating the redox behavior of transition metal complexes encircled by polyaza macrocycles, metal template syntheses, redox controlled assembly/disassembly of double helicates, and the design of fluorescence switches.[2] Recently, he has become interested in recognition and sensing of anions by receptors operating through metal–ligand and/or hydrogen bonding interactions.

Organic Chemistry Young Investigator Award for Hans-Dieter Arndt and Nicolai Cramer

The Organic Chemistry division of the German Chemical Society (GDCh) has presented the 2010 Young Investigator Award ("Orchem Prize") to Hans-Dieter Arndt (Max Planck Institute for Molecular Physiology, Dortmund) and Nicolai Cramer (ETH Zurich).

Arndt receives his prize for contributions to the field of synthetic chemical biology. He obtained his doctorate in 2002 from the Humboldt University (Berlin, Germany) with U. Koert. He then did postdoctoral studies at the California Institute of Technology (Pasadena, USA) with P. B. Dervan. His independent career began in 2004 at the MPI of Molecular Physiology in Dortmund. The Arndt group studies bioactive molecules in chemical biology, with particular interests in the development of new synthetic strategies and the discovery of natural-product-informed modulators.[3] Previous honors include the DECHEMA Natural Product Research Young Investigator Award (2010).

Cramer receives his prize for innovative work on the efficient synthesis of natural products with emphasis on selective transition-metal-catalyzed bond activation by ring opening. He was awarded his PhD in 2005 from the University of Stuttgart under the supervision of S. Laschat. Following stints as a researcher in Osaka (M. Murata and S. Hase) and Stanford (B. M. Trost), Cramer took up his current position at the ETH Zurich as a habilitation candidate associated with E. M. Carreira. Cramer's research program is based on synthetic organic chemistry and catalysis.[4] Previous honors include the EuCheMS European Young Chemist Award, Gold Medal (2010).

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Awarded ...

J.-L. Brédas

L. Fabbrizzi

H.-D. Arndt

N. Cramer