

European Rare Earth and Actinide Society (ERES) Junior Award

The award is bestowed triennially and given for "an innovative contribution to the science and/or technology of the f-elements".

Who were bestowed the award?

Madrid 2000

ICFE'4

Dr. Koen Binnemans (KU Leuven, Belgium)



For his contribution to lanthanide coordination chemistry and spectroscopy. Born in 1970, studied chemistry at Katholieke Universiteit Leuven where he got a "licentiate" degree and subsequently a PhD degree in 1996 under the supervision of Prof. Christiane Görller-Walrand (*On the Coordination Effects in Rare Earth Spectra*). Since then he has been a fellow of the Fund for Scientific Research of Flanders before being nominated as a full professor in 2004. His research topics include luminescent molecular materials, liquid crystals, and ionic liquids as well as coordination chemistry and the search for MRI contrast agents.

Geneva 2003

ICFE'5

Dr. Zhiping Zheng (U of Arizona, USA)



For his contribution to cluster chemistry of lanthanide hydroxides. Born in 1967, he studied at Beijing University where he got BSc and MSc degrees in 1987 and 1990, respectively. He moved to the University of California at Los Angeles where he was awarded a PhD degree in 1995. After postdoctoral education at Harvard University under the guidance of Prof. R. H. Holm, he was hired as a tenure-track assistant professor at U.of Arizona in 1997. His research interests are in the fields of inorganic, organometallic, and supramolecular of lanthanides with special emphasis on cluster chemistry and on the development of electroluminescent materials.

Wroclaw 2006

ICFE'6

Dr. Daniel Jaque Garcia (UA Madrid, Spain)



For his outstanding achievements in rare-earth optical and magnetic materials.

Born in 1973 he was educated at Sussex University, where he was awarded a certificate in physics (1995), and at Universidad Autonoma de Madrid (UAM) where he got a degree in physics (1996) and a PhD in physics (1999). He has acted as associate professor at Universidad Complutense (Madrid, 1999-2001) before going back at UAM as Ramon y Cajal researcher (2002-2006) and then as associate professor. His research interests lie in ferroelectric laser crystals.

Cologne 2009

ICFE'7

Not bestowed

Udine 2012

ICFE'8 Dr Tiziano Montini



For his outstanding contributions to solid state chemistry, particularly to catalysis and photocatalysis.

Born in 1977, he studied chemistry at University of Trieste (Italy), where he graduated in 2002 and received the PhD degree in Chemical Sciences in 2006. His research interests include the design of nanostructured CeO₂ based materials as active and stable heterogeneous catalysts for hydrogen production and purification. He holds a research fellow position at University of Trieste and works on the development of catalytic materials for the production of *solar fuels*. He is co-author of 64 publications on international journals, two patents and 3 book chapters.

Regulations of the award

1. The Junior award, subsidised by ERES is in principle bestowed every three years during the ERES-sponsored International Conference on f-Elements (ICFE). It amounts to 1000 Euros.
2. The awardee may be of any nationality and may be located in an academic, governmental or industrial institution, or elsewhere. He/She should in principle not be older than 35 the year the award is bestowed.
3. The award is given for an innovative contribution to the science and/or technology of the f-elements. Contributions to other areas of science or technology should not be part of the decision. On the other hand, the potential of the candidate in the field of research and/or technology should be a major consideration in the decision.
4. The call for nominations is published in the ERES Newsletter and on the web site of the association. Nominations can be proposed by any scientist or industry people active in the field of f-elements; they should be accompanied by a full curriculum vitae of the proposed candidate and, whenever possible, they should be backed by seconding letters covering information complementary to the nominating letter.
5. The nomination committee is comprised of the ERES executive committee enlarged by the chair of the ICFE conference and, depending on the candidates proposed, by experts in the relevant fields, appointed by the executive committee.

Approved by the General council of ERES, Madrid, September 21, 2000.