

IUMRS-SOMIYA Award 2019 受賞式と記念講演開催

去る2019年5月30日、フランス・ニースにおいてIUMRS-SOMIYA Award 2019の受賞式と記念講演会が開催されました。材料科学の分野において、秀でた成果を残した国際共同研究チームに送られるIUMRS-SOMIYA Awardは、2000年に第1回目の選考と受賞式を開催して以来、今年で第12回目となります。(過去の受賞チームは、以下の通りです)

History of IUMRS-Sômiya Award for International Collaboration

- 1st 2000 Dr. X.R. Wu (the Beijing Institute of Aeronautical Materials, China, Leader), Dr. J.C. Newman, Jr. (NASA Langley Research Center, Mechanics and Durability Branch, USA)/ Award winning work: "Small-Crack Effects and Life Predictions for High-Strength Aluminium Alloys" (Award Location: Strasbourg, France)
- 2nd 2001 Dr. Antoni Tomsia, (Berkeley, USA, Leader), Jose Moya, Madrid (Spain)/ Award winning work: "Graded Bioactive Coatings for Medical Implants" (Award Location: Cancun, Mexico)
- 3rd 2002 Prof. M.Yoshimura (Tokyo Institute of Technology, Japan, Leader), Professor Y. Gogotsi (Drexel University, USA)/ Award winning work: "Hydrothermal Synthesis of Carbon Coatings and Nanotube" (Award Location: Xi'an, China)
- 4th 2003 Dr. Klaas de Groot (IsoTis, NV, Dutch, Leader), Professor FuZhai Cui (Tsinghua University, China)/ Award winning work: "Biomimetic Calcium Phosphate Composites" (Award Location: Yokohama, Japan)
- 5th 2004 Dr. C. N. R. Rao, (JNCASR, Bangalore, India, Leader), Dr. Anthony Cheetham (University of California at Santa Barbara, California, USA)/ Award winning work: "Carbon-Assisted Synthesis of Inorganic Nanowires" (Award Location: San Francisco, USA)
- 6th 2005 Prof. Terence Langdon (University of Southern California, USA, Leader), Prof. Zenji Horita (Kyushu University, Japan)/ Award winning work: "Severe Plastic Deformation for Microstructure Refinement and Property Improvement in Metallic Materials" (Award Location: Yokohama, Japan)
- 7th 2007 Prof. Ivan K. Schuller (University of California, San Diego, USA, Leader), Prof. Yvan Brunseraede (Catholic University of Leuven, Belgium)/ Award winning work: "Structure and Physical Properties of Superconducting and Magnetic Nanostructures" (Award Location: Bangalore, India)
- 8th 2009 Professor Mildred S. Dresselhaus (MIT, USA, Leader), Professor Ado Jorio (Universidade Federal de Minas Gerais, Brazil), Dr. Mauricio Terrones (Instituto Potosino de Investigacion Cientifica y Tecnologica, Mexico), Professor Riichiro Saito (Tohoku University Japan), Professor Morinobu Endo (Shinshu University, Japan), Professor Marcos Pimenta (Universidade Federal de Minas Gerais, Brazil) and Professor Antonio G. Souza Filho (Universidade Federal do Ceara, Brazil)/ Award winning work: "Carbon nanostructure materials" (Award Location: Rio de Janeiro, Brazil)
- 9th 2012 Professor J.Kilner (Imperial College London, UK, Leader), Professor H.L.Tuller (MIT, USA), Professor T.Ishihara (Kyushu University, Japan), Professor Jose Santiso (CIN2, Spain), Professor Bilge Yildiz (MIT, USA): Award winning work: "Design of ionic and mixed conducting ceramics for fuel cell application" (Award Location: Yokohama, Japan)
- 10th 2015, Professor Ruslan Z. Valiev (Ufa State Aviation Technical University, Russia) and Professor Yuntian T. Zhu (North Carolina State University, USA) : Award winning work: "Resolving the paradox of superior strength and ductility of ultrafine-grained metals through microstructural design" (Award Location: Jeju, Korea).
- 11th 2017, Professor Chennupati Jagadish (Australian National University, Australia, Leader), Professor Leigh M. Smith (University of Cincinnati, USA), Professor Michael B. Johnston (Oxford University, UK), Professor Jin Zou (University of Queensland, Australia), Professor Antonio Polimeni (University of Rome La Sapienza, Italy), Award winning work: "Semiconductor Nanowires: Growth, Characterization, Processing and Optoelectronic Devices" (Award Location: Kyoto, Japan).
- 12th 2019, Professor Liming Dai (USA), Prof. Jian-Feng Chen (China), Prof. Zhenhai Xia (USA), Award winning work: " Carbon nanomaterials as metal-free catalysts for renewable energy generation and storage" (Award Location: Nice France).



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IUMRS-SOMIYA Award 2019の選考には、世界各国から応募をいただき、過去にIUMRS-Somiya Awardを受賞された先生がた3名による、厳正な審査の結果、Case Western Reserve大学のLiming Dai教授をリーダーとする米国・中国2ヶ国の研究者からなる、国際共同研究チームが受賞することに決まりました。

グラフェンなどの炭素材料を用いた、燃料電池、空気電池及び2次電池の電極への応用に関し、材料科学の世界において、極めて顕著な業績をあげられたことが、高く評価された結果の受賞となりました。

IUMRS-SOMIYA Award 2019 Ceremony and Award Presentation

Date and time: WEDNESDAY 29th May 5:30 - 7:00 PM

/ Venue: Acropolis Congress Centre, Nice, France

Award winning work: Carbon nanomaterials as metal-free catalysts for renewable energy generation and storage

Leader of the Team



Prof. Liming Dai

Case Western Reserve University,
USA



Members



Prof. Jian-Feng Chen

Beijing University of Chemical Technology,
China



Prof. Zhenhai Xia

University of North Texas,
USA



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受賞式と記念講演は、IUMRS-ICAM 2019 が開催された会場内において行われ、IUMRS 役員他、多くの若手を中心とした聴衆の前で、State of the art carbon material の設計とその応用例に関する講演が行われました。

この国際共同研究チームに続き、世界の材料研究者ネットワークの中から、次世代の社会のために、秀でた成果を残す研究チームが、数多く活躍されることを、関係者一同、祈念しております。