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U.S. DEPARTMENT OF
ENERGY

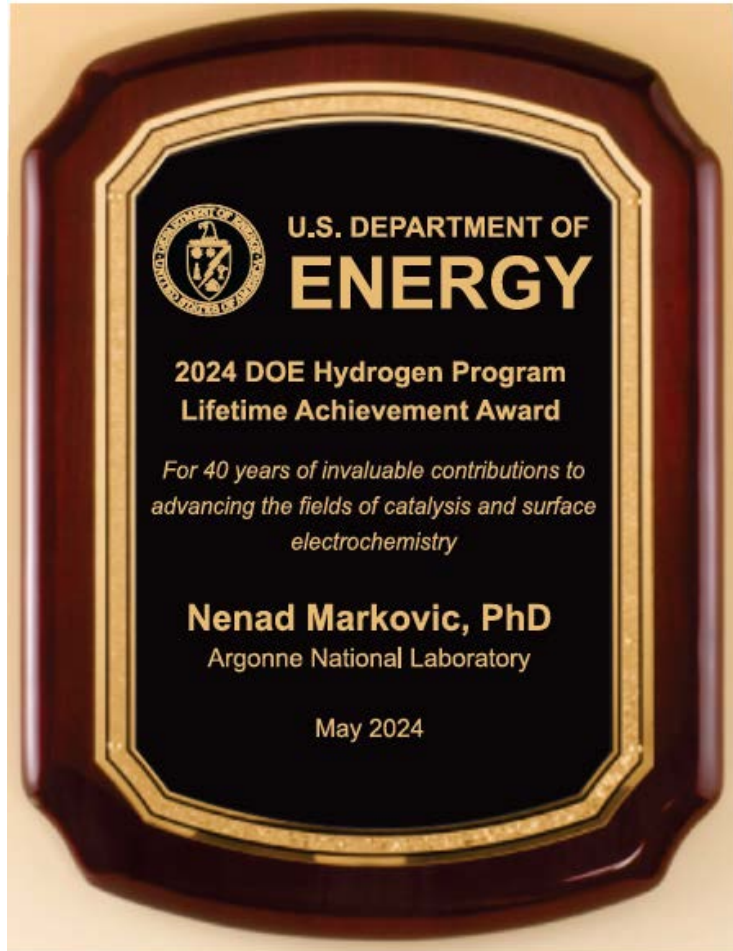
Hydrogen Program
2024 Annual Merit Review and
Peer Evaluation Meeting

AMR Program Awards

May 6, 2024



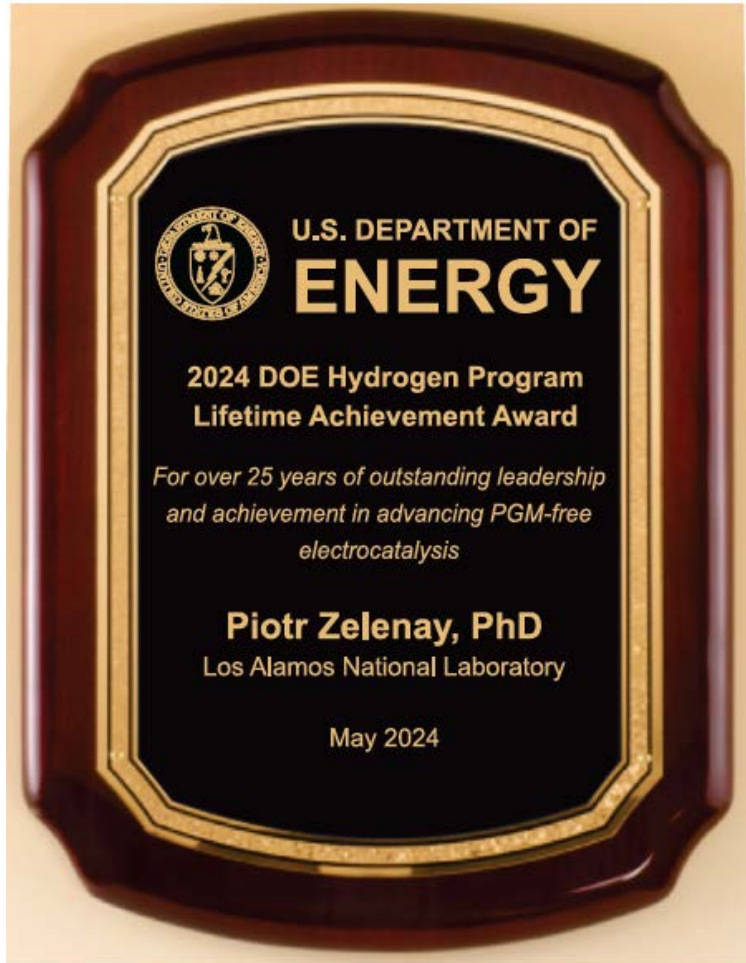
Hydrogen Program Lifetime Achievement Award



For 40 years of invaluable contributions to advancing the fields of catalysis and surface electrochemistry

Nenad Markovic, PhD
Argonne National Laboratory

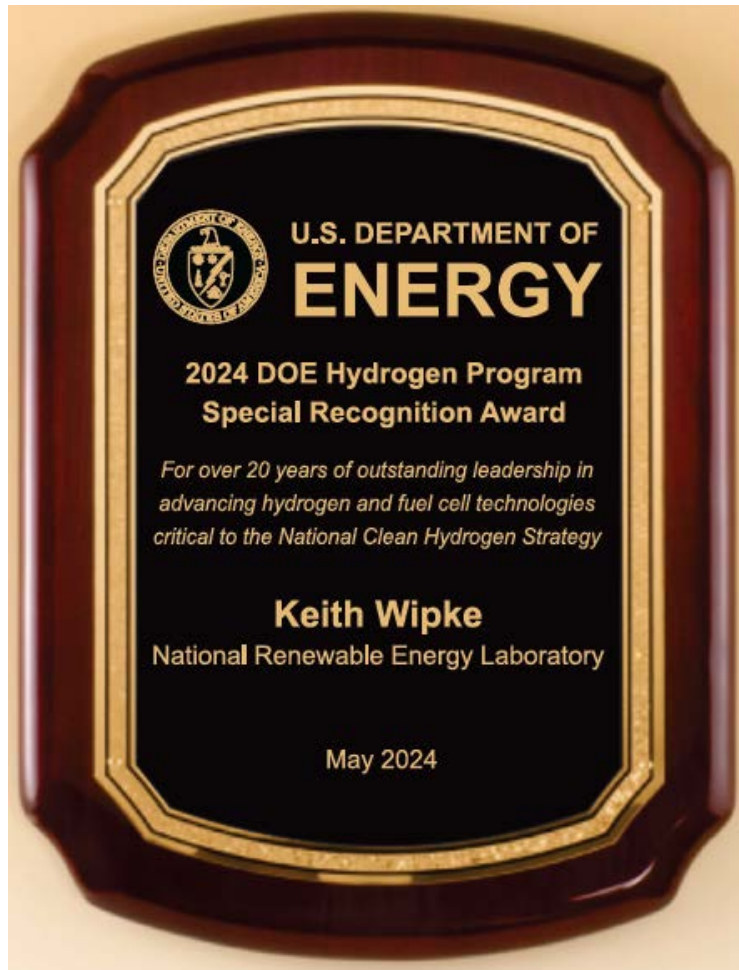
Hydrogen Program Lifetime Achievement Award



For over 25 years of outstanding leadership and achievement in advancing PGM-free electrocatalysis

Piotr Zelenay, PhD
Los Alamos National Laboratory

Hydrogen Program Special Recognition Award



For over 20 years of outstanding leadership in advancing hydrogen and fuel cell technologies critical to the National Clean Hydrogen Strategy

Keith Wipke

National Renewable Energy Laboratory

R&D Award – Analysis, Codes & Standards, Systems Development & Integration, and Hydrogen Infrastructure Technologies

For outstanding leadership in the development, assessment, and validation of heavy-duty fuel cell electric vehicle fueling protocols and fueling hardware as well as active coordination with industry and the international RCS community

***Shaun Onorato, Taichi Kuroki, PhD, and
Jamie Kee, PhD***

National Renewable Energy Laboratory

Krishna Reddi, PhD

Argonne National Laboratory

Lauren Mattar

NextEnergy



R&D Award – Hydrogen Production Technologies



For outstanding leadership in development and commercialization of water electrolyzers for hydrogen production

Chris Capuano

Nel Hydrogen

R&D Award – Hydrogen Production Technologies



For outstanding leadership in developing durable alkaline exchange membrane and proton exchange membrane water electrolyzers

Shaun Alia, PhD

National Renewable Energy Laboratory

R&D Award – Infrastructure Technologies



In recognition of outstanding achievements in reducing carbon fiber and storage tank costs and advancing to Phase II of the DOE low-cost carbon fiber program

***Duane Byerly,
Chris Wilson,
and Rick Rashilla***
Hexagon R&D LLC

R&D Award – Fuel Cell Technologies



For significant contributions to the development, manufacturing, and commercialization of high-temperature PEMFC technologies

Emory DeCastro, PhD

Advent Technologies

R&D Award – Systems Development & Integration



For outstanding leadership in the development and demonstration of a hydrogen fuel cell backup power system at a large data center

Paul Wang, PhD
Caterpillar Inc.

R&D Award – Systems Development & Integration



For outstanding achievements in demonstrating the potential for hydrogen to decarbonize iron and steel manufacturing through innovative research and tenacious problem solving

Ron O'Malley, PhD

Missouri University of Science and Technology

R&D Award – Systems Development & Integration



For outstanding achievements in demonstrating the potential for hydrogen to decarbonize iron and steel manufacturing through innovative research and tenacious problem solving

Sridhar Seetharaman, PhD
Arizona State University

Hydrogen and Fuel Cell Technologies Office (HFTO) Postdoctoral Recognition Awards

- Recognizes postdoctoral fellows from DOE National Laboratories for outstanding achievements in the research, development and demonstration of hydrogen and fuel cell technologies
- Aligns with HFTO's commitment to advance and strengthen the hydrogen and fuel cells workforce in the United States

HFTO Postdoctoral Recognition Awards 2024



FIRST PLACE WINNER – For outstanding contributions to the research, development, and demonstration of hydrogen and fuel cell technologies

Tanya Agarwal, PhD

Los Alamos National Laboratory



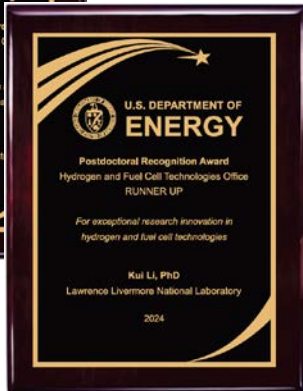
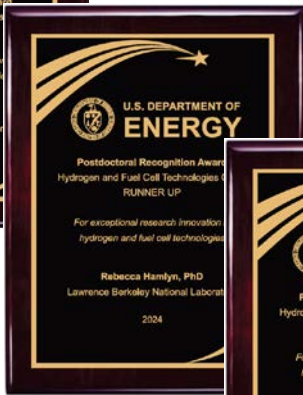
RUNNERS UP – For exceptional research innovation in hydrogen and fuel cell technologies

Andrew Rowberg, PhD

Lawrence Livermore National Laboratory

Rebecca Hamlyn, PhD

Lawrence Berkeley National Laboratory



Kui Li, PhD

Los Alamos National Laboratory

For more information:

Please check our website later this week for more information on the outstanding achievements and contributions of our awardees!

www.hydrogen.energy.gov/annual_review.html