

2019 Rutherford Aris Award Recipient

- The 2019 Rutherford Aris Award recognizes outstanding contributions in experimental and/or theoretical reaction engineering research of investigators in early stages of their career. The recipient must be less than 40 years of age at the end of the calendar year in which the award is presented.
- Yuriy Román-Leshkov (MIT), a CBI researcher, was nominated “for innovative advances in heterogeneous catalysis and processes for renewable energy applications”. And for contributions to advancing knowledge in the areas of reaction engineering and heterogeneous catalysis in publishing 60+ papers over the last eight years and cited over 9000 times in the same time period.
- The Rutherford Aris award is only given once every three years by the International Symposia on Chemical Reaction Engineering, Inc. (ISCRE).
- Excerpts from the nomination include:
 - "Yuriy has established a unique and highly impactful research program, addressing fundamental scientific and technological questions, underpinning serious societal problems, through the combination of reaction engineering and catalyst design."
 - "Yuriy has developed very successful research program that blends core principles of reaction engineering, materials science, and green chemistry to solve the complex, multiscale challenges associated with the transition to a sustainable economy."
 - "Dr. Román has already made many important contributions to reaction engineering that demonstrates how to more efficiently transform alternative feedstock into fuels and chemicals. He is the clear leader in the field."



Yuriy Román-Leshkov

<http://iscre.org/NASCRES4/aris.shtml>