

Medals & Prizes – Summary of Winners for 2020

Medal	Winner	Winning paper / Supporting information
Non-delegated medals		
Ambassador Prize	Eur Ing Andy Brown AFIChemE	... a major contributor to the Clean Energy Special Interest Group (CESIG) over a period of more than 15 years.
Greene Medal	Mrs Fenella Nordquist CEng FIChemE	... instrumental in implementing the ever-evolving process of accrediting chemical engineering degrees and plays an important part in ensuring that IChemE accreditation is a sought-after accolade worldwide.
Nicklin Medal	Antonio Del Rio Chanona	An exceptional young scientist whose research will have significant impact in areas of process systems engineering, industrialisation of bioprocesses, and adoption of intelligent and autonomous learning algorithms to chemical engineering.
Trustees Medal	Professor Stefaan Simons CEng FIChemE	As the inaugural Chair of the Energy Centre Board, he worked with staff and members to develop the Energy Centre, establish the Board and lead the development of its work programme. The work has given the activity and output a global perspective and has promoted its activity to the global engineering community and policy-makers.
Delegated medals		
Davidson Medal	Professor Grant Campbell CEng FIChemE	... has mentored undergraduates, post graduate students and co-workers respecting individual needs and cultural differences.
Sargent Medal	Professor Efstratios (Stratos) Pistikopoulos CEng FIChemE	In recognition of outstanding and significant global contributions in the pioneering and advancement of research in the area of Process Systems Engineering (PSE).
Senior Moulton Medal	Benjamin J Bucior ^a , N Scott Bobbitt ^a ,	For their paper: <i>Energy-based</i>

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	Timur Islamoglu ^a , Subhadip Goswami ^a , Arun Gopalan ^a , Omar K Farha ^a , Neda Bagheri ^a , Randall Q Snurr ^a and Taner Yildirim ^b (^a Northwestern University, USA) (^b NIST Center for Neutron Research, USA)	<i>descriptors to rapidly predict hydrogen storage in metal–organic frameworks</i> Published in Molecular Systems Design and Engineering, 2019, 4, Pages 162-174
Junior Moulton Medal	Oliver P.W Peck (University of Bath, UK)	For his contribution to the paper: <i>On-line quantification of thickness and strength of single and mixed species biofilm grown under controlled laminar flow conditions</i> Published in Food and Bioproducts Processing, Volume 113, January 2019, Pages 49-59
Hutchison Medal	Alberto Almena Ruiz ^a , Prof. Peter J. Fryer ^a , Dr. Serafim Bakalis ^b and Estefania. Lopez-Quiroga ^a (^a University of Birmingham, UK) (^b University of Nottingham, UK)	For their paper: <i>Centralized and distributed food manufacture: A modelling platform for technological, environmental and economic assessment at different production scales</i> Published in Sustainable Production and Consumption, Volume 19, July 2019, Pages 183-193
Hanson Medal	Raphaël Faure, Matthieu Flin, Pascal Del Gallo and Marc Wagner (Air Liquide R&D)	For their article: <i>Add it up! How 3D printing of reactors can help chemical engineers with process intensification</i> Published in <i>The Chemical Engineer</i> , Issue 928, October 2018
Clean Energy Medal	Mr Rodney Allam CEng FICHEME	In recognition of a distinguished and ongoing career in the application of chemical engineering to the production of clean energy.
Donald Medal	Dr Angela Osborne	A pioneer in the deployment of process engineering and architectural disciplines in the field of cell and gene therapy manufacturing.
Lees Medal	Mike Lynch CEng MICHEM	For the paper ' <i>Failure to manage organisational change – a personal perspective</i> ', which appeared in Loss Prevention Bulletin 267 (June 2019).
Macnab Lacey Prize	University of Manchester	For their project: <i>Sustainable Production of Dimethyl Carbonate</i>