

Press release

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David Bogle wins prestigious EFCE Jacques Villermaux Medal

Professor David Bogle of University College London in the United Kingdom is the laureate of the Jacques Villermaux Medal by the European Federation of Chemical Engineering (EFCE).

He has been conferred the medal in recognition of his outstanding achievements within the remit of EFCE's science policy, in particular in his role as EFCE's Scientific Vice-President from 2018 to 2021. This includes his commitment to chemical engineering education and training, especially the development and publication of a report on *The European Chemical Engineering Skills Pipeline*.



The project sought to understand the health of chemical engineering education across Europe by analysing the number of students and teaching staff in chemical engineering across a broad range of European countries. The data showed trends and the great variation between European countries in the number of students, student/staff ratio, the number of graduates per 100k population, and the number of graduates relative to the local chemical industry workforce. Particularly useful was the data on the average age of staff, highlighting a lack of investment in new academic staff in some countries.

Furthermore, the award acknowledges his research in the fields of process systems engineering and systems biology and his services to the related EFCE Working Party on CAPE and the new Section on Chemical Engineering as Applied to Medicine. He developed new methodologies in the design of very large complex systems, developing controllable systems, in finding globally optimal solutions, and in identifying and exploring model sensitivities.

David Bogle is Professor at the Department of Chemical Engineering at University College London (UCL), UK, and currently holds the position of Pro-Vice Provost of the Doctoral School and Early Career Researchers. His role is to develop strategy for doctoral education and early career research staff at UCL, to provide training and support for researchers beyond their disciplinary boundaries, and to oversee the standards and regulations of research degree qualifications. He is the chair of the League of European Research Universities Doctoral Studies Policy Group. Furthermore, he is past president of the Institution of Chemical Engineers, Deputy Director of the

Centre for Process Systems Engineering (a joint Centre with Imperial College London) and a member the Board of SusChem, the European Platform for Sustainable Chemistry.

David Bogle said: "It is a huge honour to be awarded this medal. I met Prof. Villiermaux briefly a couple of times. He made a big impression!"

The Jacques Villiermaux Medal is presented every four years in recognition of Professor Jacques Villiermaux, Membre de l'Institut Universitaire de France, 1935-1997, Pioneer in Chemical Process Engineering and EFCE's first Scientific Vice-President (1996-1998). It recognises achievements by a scientist within the context of the Federation's science policy, working parties, conference programme or other related activities.

The medal will be presented on 18 September 2023 during opening of the 14th European Congress of Chemical Engineering which will be held in Berlin, Germany, on 17-21 September 2023 He is invited to give a plenary lecture on Thursday, 21 September 2023.

Ends

Related links

EFCE media centre (<https://efce.info/News>)

Jacques Villiermaux Medal (<https://efce.info/Jacques+Villiermaux+Medal.html>)

14th European Congress of Chemical Engineering (ECCE14)
(<http://ecce-ecab2023.eu>)

Notes to media

For further information, please contact:

Claudia Flavell-While
tel: +44 (0)1788 534422
email: Claudia@icheme.org

About chemical engineers

Chemical, biochemical and process engineering is the application of science, maths and economics to the process of turning raw materials into everyday products. Professional chemical engineers design, construct and manage process operations all over the world. Oil and gas, pharmaceuticals, food and drink, synthetic fibres and clean drinking water are just some of the products where chemical engineering plays a central role.

About EFCE

Founded in 1953, The European Federation of Chemical Engineering (EFCE) is a non-profit-making association, whose object is to promote co-operation in Europe between non-profit-making professional scientific and technical societies in 30 countries for the general advancement of chemical engineering and as a means of furthering the development of chemical engineering. See www.efce.org