

Press release

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EFCE presents the Lifetime Achievement Award to Alberto Brucato

Professor Alberto Brucato of the University of Palermo, Italy, has been named as the laureate of EFCE's Lifetime Achievement Award.

This Award is made in recognition of his continuous and outstanding contribution to the progress of mixing research, modelling and application, chemical plant design and biochemical engineering in Italy and internationally for more than 40 years.

The award acknowledges in particular his substantial contribution to raising the profile of the field, of the Italian Association of Chemical Engineering (AIDIC), and the Federation through his research of high quality, international collaborations, education and training of engineers and students, and his commitment to the EFCE Working Party on Mixing.



Alberto Brucato was Professor of Chemical Plant Design at the University of Palermo, Italy, from 2001 until his retirement in September 2022. Furthermore, during his academic career he visited the University of Bath and Universidad Nacional del Litoral in Santa Fé in Argentina and participated in a number of international collaborations, including a stay as visiting professor at Addis Ababa University, Ethiopia.

He was President (2016-2019) of GRICU, the Italian Scientific Association of Chemical Engineering Academics, he is co-founder of the Italian Association for the Study and the Application of Microalgae (AISAM), and Italian delegate of EFCE Working Party on Mixing since 2010, and he was a member of the EFCE Working Party on Education for several years.

In 2005 he won IChemE's Senior Moulton Medal, a recognition to the author(s) of the best paper published in the reference year in the scientific journals of the Institution, and in 2021 he received the "Nienow Lifetime Recognition Award in Mixing 2021", a recognition awarded by the EFCE Working Party on Mixing for the lifetime contribution to the advancement of mixing science and technology.

His research activities include: industrial mixing tanks (he developed several original experimental techniques and set up a variety of models, with varying degrees of complexity up to fully predictive computational fluid dynamics simulations); photocatalytic reactors (experimental investigations aimed at assessing photocatalytic reactions and developing suitable photo-reactors; several models for the radiation field distribution were also set up); heavy cloud and jet dispersions in the environment (CFD modelling work in this area that was awarded with the Senior Moulton Medal); bioreactors for selected applications; development of photobioreactors for industrial microalgae production; supercritical water gasification and oxidation; Omega-3 fats separation by supercritical CO₂ extraction.

The EFCE Lifetime Achievement Award is given to an individual in recognition of her/his sustained and outstanding contribution to the progress of chemical engineering in general and on specific topics covered by the EFCE working parties (WPs) and sections in particular, over a period of at least 20 years. The Award acknowledges the candidates' substantial dedication to raising the profile of the field of chemical engineering and the EFCE through research and teaching, organisation of conferences and workshops, effort towards the auspicious prospect of the community, and commitment to the WPs and/or Sections of the EFCE.

The award will be presented on 18 September 2023 during the opening of the 14th European Congress of Chemical Engineering which will be held in Berlin, Germany, on 17-21 September 2023

Ends

Related links

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

Lifetime Achievement Award (https://efce.info/Lifetime_Achievement_Award.html)

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

Notes to media

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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