

## Press release

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### **Werther to be awarded EFCE's Jacques Villiermaux Medal**

Professor Joachim Werther from the Hamburg University of Technology (TUHH), Germany, has been named as the 2015 winner of the Jacques Villiermaux Medal by the European Federation of Chemical Engineering (EFCE).



Professor Werther, from the Institute of Solids Process Engineering and Particle Technology at TUHH, has been recognised for his outstanding scientific achievements in particle technology, with a career spanning more than 40 years in the field.

Professor Werther is regarded as an expert in fluidisation, chemical looping technology, solids process flow simulation and has had profound influence on problem solving within particle technology.

His particular interest is centred on the use of fluidised beds as reactors, where he developed advanced mathematical models to simulate flow within the reactor. His theoretical models became the basis for advanced fluidised bed simulation in industry, and his research has been used to optimise many of Germany's waste incinerators.

Professor Rafiqul Gani, EFCE President, said: "We are pleased to award Professor Werther with the Jacques Villiermaux Medal to recognise such a distinguished academic and researcher. His scientific achievements are exemplary, and the Medal also acknowledges his leadership in promoting education, research and development and scholarship programs within particle technology."

Professor Werther said: "When I was informed that I had been named the recipient of the Jacques Villiermaux Medal, I was totally overwhelmed. To receive this prestigious award is an honour I would never have dared to dream of.

"This award means recognition of my scientific work on solids process engineering by the chemical engineering community, and it puts me in line with other highly distinguished scientists - Professors Pohorecki, Eigenberger, Zuiderweg and Froment."

Professor Werther concluded: "This is a great feeling. Besides pride and happiness, I am also very grateful to all who made this success possible - my colleagues, my former PhD students and last but not least, my wife Elisabeth. "

The medal, which is awarded in memory of EFCE's first Scientific Vice President, Jacques Villermaux, will be presented to Professor Werther at the tenth European Congress of Chemical Engineering (ECCE 10) on 28 September in Nice, France.

During the ceremony, Professor Werther will deliver a presentation on '*Flow sheet simulation of solids processes*'.

### **Related links**

[EFCE Media Centre](#)

[ECCE 10 + ECAB 3 + EPIC 5 congress](#)

[Jacques Villermaux Medal](#)

### **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](http://www.efce.org)

### **About the Jacques Villermaux Medal**

The European Federation of Chemical Engineering (EFCE) first introduced the Jacques Villermaux Medal in 1998 in memory of the Federation's first Scientific Vice President, Professor Jacques Villermaux. Presented every four years, the Medal recognises "*scientific achievements within the context of the Federation's science policy, working parties, conference programme or other related activities.*"