

## Press release

Presse-Information • Information de presse

06/2018  
2 July 2018

<http://www.efce.org>

### **Waste water valorisation wins Membrane Engineering Award**

#### **Researcher to receive EFCE/EMS prize at Euromembrane conference**

Abaynesh Yihdego Gebreyohannes has been awarded the **2018 Excellence Award in Membrane Engineering**, which is jointly awarded by the Section on Membrane Engineering of the European Federation of Chemical Engineering (EFCE) and the European Membrane Society (EMS).



The Award recognizes an outstanding PhD thesis in the field of membrane engineering. The judges praised Gebreyohannes' work on Integrated membrane process for valorization of waste water for its breadth and scientific impact which provides a better insight into the processes around waste water valorization.

The PhD work covered a broad area, including hydrodynamic and kinetic characterization of bioreactors, study of fouling phenomena, membrane preparation (including the use of magnetic/super-paramagnetic properties) and characterization, bio-hybridization for tackling fouling, the study of forward osmosis and the recovery of high added value compounds from wastewater.

Gebreyohannes is a postdoctoral researcher at KU Leuven in Belgium. An Ethiopian national, she completed her PhD under the Erasmus Mundus Doctorate in Membrane

Engineering (EUDIME) programme, which saw her study at the University of Calabria, Italy, KU Leuven, Belgium and University of Paul Sabatier, Toulouse III, France.

She will receive a €1500 prize and paid-for travel to receive the award, which will be presented at the Euromembrane 2018 Conference in Valencia, Spain from 9 to 13 July 2018.

Ends

### **Related links**

EFCE media centre (<http://www.efce.info/Media+Centre.html>)

Chemical Reaction Engineering Excellence Award  
(<http://efce.info/ExcellenceAwardCRE.html>)

### **Notes to media:**

For further information, please contact:

Claudia Flavell-While  
tel: +44 (0)1788 534422  
email: [Claudia@icheme.org](mailto: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](http://www.efce.org)