

The 6 world challenges

The Borealis Student Innovation Award aims to take steps in tackling 6 of the world's major challenges including; climate, water, energy, communication, health and food.



Climate

Climate change – to limit CO₂ emissions and keep global warming under control.



Water

Access to water and sanitation – more than 1 billion people have no access to fresh water, and due to climate change, up to 3 billion people may live in water scarce regions within the next 20 years.



Energy

Energy access – boosted by diversification of supply, development of renewable resources and security/interconnection requirements for existing networks.



Communication

Communication – to extend, secure and strengthen communication networks that are critical to our modern economy and quality of life.



Health

Healthcare – provide access and an acceptable level of healthcare for a growing and aging global population.



Food

Food – to protect and deliver safe food from "farm to fork" across regions.

LB 016/GB IT 2010 05 BB



Win up to EUR 5.000,-

For more information please contact

Univ.-Prof. Dr. Christian Paulik
christian.paulik@borealisgroup.com

Borealis Polyolefine GmbH
St.-Peter-Strasse 25 | A-4021 Linz | Austria | Tel +43 (0)732 69 815 0



The Borealis Student Innovation Award 2012

The Borealis Student Innovation Award

The Borealis Student Innovation Award recognizes the two most innovative research papers (one for a master's degree graduate and one for a doctorate degree graduate) on polyolefins or olefins to engage young people in Borealis' mission to be the leading provider of innovative solutions that create value for society.

The master thesis or PhD thesis shall focus on one of the following research areas:

Polyolefin Catalysis

Olefin and Polyolefin Processes

Polyolefin Polymer Properties

Polyolefin Applications

Enhanced Olefin and Polyolefin Characterization methods

Sustainability in or with Polyolefins

Discoveries in the Polyolefin world having practical relevance for society

What can I win?

The Borealis Student Innovation Award consists of a certificate, the Award and a monetary sum of **EUR 5,000** for the doctorate degree graduate winner and **EUR 3,000** for the master's degree graduate winner.

How are the two awardees selected?

A jury will assess the incoming abstracts. The awardees will be asked to present their theses during the Borealis Innovation Day event, which will take place in January 2013.

Who is in the jury?

The jury is composed of high level Borealis researchers.

Who can participate?

Graduates in the area of chemistry, polymers or applications with a particular focus on polyolefins or olefins. Your master's or doctoral thesis should not be more than two years old and must be finalized by the end of October 2012.

How do I apply?

Your application must be **in English** and consist of three parts:

- 1 A maximum two-page abstract on your thesis
- 2 A short assessment of your thesis from your advisor/professor
- 3 Your curriculum vitae (CV) – maximum two pages

Please send your Borealis Student Innovation Award application **no later than November 9, 2012** by uploading it at www.borealisgroup.com/studentinnovationaward



Automotive-Smart fortwo

The car body was manufactured for the first time completely out of Borealis plastic bringing savings in energy consumptions and CO₂ emissions.



Advanced Packaging

High-value infusion bags made out of plastic are sterilisable, sanitary and recyclable.



Infrastructure - Cables

The reliable transmission of energy and data around the world through high-tech cables are made possible thanks to plastic insulation.



Infrastructure - Pipes

Modern plastic pipes are safe and durable. They are easily transferred and installed saving time and money.