



MWP

The Prize

The Marcus Wallenberg

The Marcus Wallenberg Foundation

The Swedish industrialist Dr. Marcus Wallenberg (1899-1982) played an outstanding role in the development of the forest industry, both nationally and internationally. He had a lifelong interest in scientific research. It was thus natural for the shareholders of Stora Kopparbergs Bergslags AB to honour its retiring chairman in 1980 by a donation, which formed the basis of an international prize to pay attention to forestry and the forest industry.

The Marcus Wallenberg Prize

The aim of The Marcus Wallenberg Prize is to recognize, encourage and stimulate path-breaking scientific achievements contributing to a broader knowledge and technical development. The findings may originate from any of the broad fields of interest to the forest industry – from growing trees and forests to making and using forest-based products.



Vallenberg Prize

Today the prize is more significant than ever before, highlighting a sector which is part of the solution towards a sustainable society. Based on a renewable, biological raw material the forest-based industry plays a key role in the transition towards a bio-based economy. Reducing the dependence on fossil raw materials like oil and coal is necessary to counteract climate change. The forest industry works with and for the environment, delivers essential everyday products to society and makes important contributions to economic wealth, including providing vital jobs in rural areas. Its strategy is to use natural resources in an efficient way to meet society's need for sustainable consumption and development.

A great number of universities, academies, research organizations and affiliated persons all over the world are involved in nominating candidates for the prize.

The identification of worthy recipients of the prize is carried out by a Selection Committee of scientists. The laureate(s) receive the award from the hand of His Majesty the King of Sweden, Carl XVI Gustaf, at a ceremony in Stockholm.





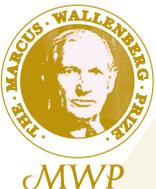
The Marcus Wallenberg Symposium

The Marcus Wallenberg Symposium is arranged in conjunction with the prize awarding ceremony to explain the achievements to a wider audience and to place the results in a broader context of development and applications.



Prize winners the last decade

- 2018** **Torgny Näsholm, Sweden.** The role of organic nitrogen in the nutrition of trees
- 2017** **Ronald R. Sederoff, USA.** Developing methods for gene discovery in conifer species and exploiting molecular methods in breeding of trees
- 2016** **Alexander Katsevich, USA, and Federico Giudiceandrea, Italy.** A high-speed X-ray-based computed tomography (CT) increasing the value of sawn products
- 2015** **Akira Isogai and Tsuguyuki Saito, Japan, and Yoshiharu Nishiyama, France.** TEMPO-mediated production of nanofibrillated cellulose
- 2014** **Magnus Berggren, Sweden.** Printed electronics on paper and cardboard
- 2013** **Derek Gray, Canada.** Nano crystalline cellulose, its fundamental properties and applications
- 2012** **Mika Viljanmaa, Finland.** Resource saving metal belt calendering giving better paper surface
- 2011** **Erik Næsset, Norway.** Airborne laser scanning for forest inventory
- 2010** **Hans Joachim Blass, Germany.** Reliable structural timber connections and reinforcements
- 2009** **Jouni Ikäheimo, Vesa Kajander and Bengt Welin, Finland.** Direct drive system for paper machines



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