

Inaugural lecture
Prof.dr.ir. Ines
Lopez Arteaga
November 3, 2017

Visiting address

Auditorium (gebouw 1)
Groene Loper, Eindhoven
The Netherlands

Navigation address

De Zaale, Eindhoven

Postal address

P.O.Box 513
5600 MB Eindhoven
The Netherlands

Tel. +31 40 247 91 11
www.tue.nl/map

/ Department of Mechanical Engineering

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Sound connections

Where innovation starts

Invitation

Prof.dr.ir. Ines Lopez Arteaga was appointed full professor at the Dynamics and Control group of the Mechanical Engineering Department at Eindhoven University of Technology on April 1, 2016. She will deliver her inaugural lecture on November 3, 2017.

Ines Lopez Arteaga received her PhD degree in Mechanical Engineering for her work on railway wheel dampers from the University of Navarra (Spain) in 1999. Until 2001 she worked as researcher at Centro de Estudios e Investigaciones Técnicas (CEIT) where she mainly focused on noise and vibration reduction in railway applications. In 2001 she moved to the Netherlands to work at DAF Trucks and later at INNAS BV as noise and vibration specialist. In 2003 she joined the Dynamics and Control group of the Mechanical Engineering Department at Eindhoven University of Technology, where she has established research lines on tire/road interaction, acoustic cameras and material acoustics. From 2011 to 2014 she was visiting professor on Engineering Acoustics at the Marcus Wallenberg Laboratory for Sound and Vibration Research (MWL), KTH Royal Institute of Technology (Sweden), where she was appointed full professor in 2014. At KTH, she was vice-director of the Odqvist Laboratory for Experimental Mechanics (2013-2016) and head of MWL (2016). She is subject editor for the Journal of Sound and Vibration, member of the board of directors of the International Institute of Acoustics and Vibration (2013-2016) and board member of the Dutch Acoustic Society.

About the lecture

In engineering, acoustics connects seemingly unrelated worlds. Although engineered systems are very diverse (think of a toothbrush and a cruise ship, for example), noise generation is governed by the same basic principles and can be controlled by applying similar solutions. The challenges in engineering acoustics require knowing, understanding and exploiting these common aspects in order to reach new findings. In her inaugural lecture, Ines Lopez Arteaga will describe these sound connections and discuss the implications for her research. Furthermore, she will share her passion for educational innovation and her views on the role of universities in a connected society.

The Executive Board of Eindhoven University of Technology cordially invites you to attend the inaugural lecture of Prof.dr.ir. Ines Lopez Arteaga on **Friday, November 3, 2017, at 4.00 PM**. The public lecture will be delivered in the Blauwe Zaal of the Auditorium. You do not need to register.

The lecture concerns
'Sound connections'

After the lecture, drinks will be served in the Senaatszaal.

All full professors are invited to join the cortège. If you want to join the cortège, please register in advance with the P&P office which organizes all academic ceremonies, telephone +31 (0)40 247 33 02, e-mail: penp@tue.nl.



Prof.dr.ir. F.P.T. Baaijens
Rector Magnificus

After November 3, 2017, the text of the inaugural lecture will be available online at www.tue.nl/lectures.