

**Third International  
Conference on Advanced  
Mechatronics, Design and  
Manufacturing Technology  
(AMDM2016)**

April 13-15, 2016, School of Mechanical  
Engineering, Universidad del Valle, Cali,  
Colombia

<http://amdm2016.univalle.edu.co>

**Proceedings**

Best papers of the AMDM2016 will be published in the following Journals:

- **International Journal on Interactive Design and Manufacturing (Springer – ISSN 1955-2505)**
- **Ingeniería y Competitividad (Universidad del Valle – ISSN 0123-3033)**
- **El Hombre y la Máquina (Universidad Autónoma de Occidente – ISSN 0121-0777).**

Proceedings of AMDM2016 will also be available online.

**Abstract Submission**

Enter the [EasyChair](#) platform from the website of the AMDM2016. Create your account and send your abstract. Submission is also possible by sending an e-mail to: [congreso.amdm@correounivalle.edu.co](mailto:congreso.amdm@correounivalle.edu.co)

**Topics**

Get the complete list at: <http://amdm2016.univalle.edu.co/en/thematics/>

**Invited Talks (Plenary Sesions)**

- **Dr. Francisco Posada Sánchez**, International Council on Clean Transportation - ICCT, **USA** (Resercher who was in charge of the study that uncovered Volkswagen emission plot.)

**Talk:** NOx emission from diesel vehicles in Europa and USA. : Considerations on Volkswagen case.

- **Dr. Carlos Fritsch Yusta** - Consejo Superior de Investigaciones Científicas CSIC, **Madrid, Spain**

**Talk:** New Challenges and Advancements in Non Destructive Evaluation with Ultrasound.

- **Dr. Jayanta Banerjee** - Mechanical Engineering Department. Universidad de Puerto Rico – Mayagüez. **Puerto Rico**

**Talk:** Problems of Heat, Mass and Momentum Transfer in Manufacturing Processes.

- **Dr. Paulo Eigi Miyagi** – University of Sao Paulo, **Brazil.**

**Talk:** State of the art in Control Systems for Manufacture Applications and Productive Systems. Actualidad de los sistemas de control en aplicaciones de manufactura y otros sistemas productivos.

- **Dr. José Miguel Ramírez Scarpetta** - Universidad del Valle, **Colombia**

**Talk:** Mechanical Exoskeletons, from fiction to reality.

- **Dr. Manuel H. de la Torre Ibarra** - Centro de Investigaciones en Óptica A.C., **México**

**Talk:** Opto-mechatronics Applications in Engineering Systems.

- **Dr. Carlos Alberto Romero Piedrahita** - Universidad Tecnológica de Pereira, **Colombia**

**AMDM2016**

**Call for Papers**

**Deadline for abstract submission:**

**November 23, 2015**

**Talk:** Key role of Modeling and Experimental techniques in modern technology of inner combustion engine.

### Short courses during the Congress

- **Experimental Stress Analysis.** (Prof. Dr. Fernando Casanova, Universidad del Valle, Colombia)
- **Introduction to Experimental Modal Analysis** (Prof. Dr. Joao L. Ealo, Universidad del Valle, Colombia)
- **Computational Fluid Dynamics using OpenFOAM** (Prof. Dr. Jairo Valdés y Prof. Mag. Alexander Ladino, Universidad del Valle, Colombia)
- **Introduction to Material and Process Selection: Application to design and manufacture of products** (Prof. Dr. Miguel Angel Hidalgo, Universidad Autónoma de Occidente, Colombia)

### More Information

<http://amdm2016.univalle.edu.co>

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### Organizing Institutions:



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