

Workshop: APPLICATION OF ZN-BASED COATINGS IN HOT STAMPING COMPONENTS: TRENDS, DEMANDS AND LIMITATIONS

Date: 13th November 2014

Venue: Fundació CTM
Tecnològic

Plaça de la Ciència, 2
08243 Manresa, Barcelona
41°44'39.1"N 1°50'46.0"E

Centre



- 9:15** **Welcome and general introduction**
- 9:30** **Current demands of hot stamping applications for corrosion-resistant applications**
(tentative title)
Speaker to be confirmed
- 9:55** **Crack formation in direct hot forming of Zn-coated steel**
Guido Hensen MSc, R&D, Materials Design, Tata Steel, IJmuiden, The Netherlands
- 10:20** **Application of Zn-coatings in hot stamping components: Corrosion behaviour, joinability and micro-cracking**
Dr. Schwinghammer Harald, R&D, Business Unit Coil, voestalpine Stahl GmbH, Linz, Austria
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- 10:45** **Coffee Break**
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- 11:00** **Wear and material transfer on tools in hot stamping of boron steel**
Jaume Pujante, Fundació CTM Centre Tecnològic
- 11:25** **Development of improved tooling materials for hot stamping.**
Rovalma R&D
- 11:50** **How Robot Automation can contribute to the Hot Stamping process**
Ramon Casanelles (Product Manager Press Automation – ABB Robotics)
- 12:15** **Financing possibilities for collaborative R&D projects at national and international level**
Maria del Pilar de Miguel Ortega, Dirección de promoción y cooperación CDTI
- 12:40** **Round table: current and future demands in hot stamped components for the automotive industry**
Participants from CTM, ABB, Rovalma, Tata Steel, Voestalpine
- 13:15** **Visit to CTM facilities**



Registration
E-mail to
info@ctm.com.es

No registration fee
(limited places)