



## Industry Day Forum

“Industry 4.0: Present and future challenges”

**Zaragoza, Spain, September 10<sup>th</sup> 2019**

Organized and co-chaired by

**Carlos Sagüés\* and Armando Walter Colombo\*\***

\* University of Zaragoza, Spain

\*\* University of Applied Sciences Emden, Germany

**FOCUS.** We cordially invite you to the ETFA ‘2019 Industry Day Forum that is dedicated to the subject of “Industry 4.0 Present and future challenges”. It features presentations by industry experts from various sectors of Home Appliances Industry, Car Automation Industry and Logistic. This Forum will offer an opportunity to exchange views with researchers and practitioners from academia and industry. The Industry Day can be visited without attending the conference. We are pleased to welcome you at Aula Magna of Paraninfo building, on September 10th, 2019.

8.30 Registration and delivery of documentation

8.45 Industry Day Opening

Session 1 (9:00h - 10:30h)

### **Present and future challenges in Home Appliances Industry: products and processes**

09:00 - 09:20: *Connected Products and Processes at the service of people*

**José Juste Pallarés**

Director of the Technical Area, BSH Hausgeräte GmbH, Spain

09:20 - 09:40: *Current and foreseen use cases at BSH*

**Andrés Escartín Barduzal**

Innovation and Technology Management leader, BSH Hausgeräte GmbH, Spain

09:40 - 10:00: *IoT as engine of Data-Driven Transformation: New business models*

**Fernando Sanchez Miravalles**

Schneider Electric, Spain

10:00 - 10:30: Panel Discussion.

Moderators: **Carlos Sagüés** and **Walter Colombo**

Panelist: **José Juste**, **Andrés Escartín**, **Fernando Sánchez**

Coffee break (10:30h – 11:00h)

Session 2 (11:00h - 12:30h)

## **Industry Car Automation**

11:00 - 11:20: *Industry 4.0 applied Smart in Automotive*

**Hans-Juergen Grundig**

Manager IT Manufacturing at Opel/Vauxhall Manufacturing, Spain

11:20 - 11:40: *Business Intelligence; real use cases with ROI*

**Fernando Espiau Espiau**

Function Lead BI/BA at Opel/Vauxhall Manufacturing, Spain

11:40 – 12:00: *Batteries for Electric cars*

**Robert Harrison**

Warwick Manufacturing Group (WMG), UK

12:00 – 12:30: Panel Discussion

Moderators: **Carlos Sagüés** and **Walter Colombo**

Panelist: **Hans-Juergen Grundig, Fernando Espiau, Robert Harrison.**

Lunch break (12:30– 14:00h) – Restaurante Idilico (c/ Dr. Cerrada, 12, 50005 Zaragoza)

Session 3 (14:00h - 15:30h)

## **Intelligent Distribution Systems and Logistics**

14:00 - 14:20: *New technologies for urban mobility*

**Susana Val**

Director at Zaragoza Logistics Center, Spain

14:20 - 14:40: *Challenges for supply chains of the future*

**Carolina Ciprés**

Director of Research at Zaragoza Logistics Center, Spain

14:40 – 15:00: *Warehouses of the future*

**Francisco Doval**

Director of Distribution Centers & Transportation South Europe at Adidas

15:00 – 15:30: Panel Discussion

Moderators: **Carlos Sagüés** and **Walter Colombo**

Panelist: **Susana Val, Carolina Ciprés, Francisco Doval**

15:30 Industry Day Wrap-up and closing

**Carlos Sagüés** and **Walter Colombo**, ID Chairs

Organized with the support of University of Zaragoza, IEEE IES Industry Activities Committee and the following companies (listed in alphabetical order): Adidas, BSH Hausgeräte GmbH, Opel/Vauxhall Manufacturing, Warwick Manufacturing Group, Schneider Electric, Zaragoza Logistics Center.