Burak Onur

Technology Manager at TEMSA

Summary

-Electrical Vehicle Projects. -R&D Project Management. -Product Lifecycle Management and reporting (PLM) in accordance with CATIA V5, SAP PLM, SAP PP and SAP PS Modules. -Support Order Management Team with SAP Variant Configuration module. -Manage Computer Aided Analysis (CAE) activities. -Manage New Bus Homologation and extension of current buses. -Researching Full Electric Bus R&D Project with Tübitak T-1511 Support -Maintain the R&D relations between Temsa Global and international institutions, European Commission. and foreign countries, coordinate and control projects and programs which are carried out jointly by European Union and international institutions. -Coordinator of Project ECOGEM in European Commission FP7 ICT for Full Electric Vehicles STREP Programme with 10 partners. Green Cars Initiative. -Partner of Project EMERALD European Commission FP7 ICT for Full Electric Vehicles STREP Programme with 12 partners. Green Cars Initiative.

Experience

Technology Manager at TEMSA
July 2004 - Present (11 years 6 months)

IT Manager at TEMSA
August 2014 - November 2014 (4 months)
Information Technologies Department of Temsa Global. Carry On: Electrical Vehicle Projects of Temsa Global R&D

R&D Support Section Manager at Temsa Global
July 2004 - August 2014 (10 years 2 months)
Currently: Leading full electrical bus projects. Supporting: Managing of SAP PLM (Product Lifecyle Management), Variant Configuration, SAP PS, Vehicle Homologation, European Commision 7th Frame Programme, TUBITAK TEYDEB, Ministry of Science, Industry and Technology SANTEZ R&D Activities.

Toolroom Planning Engineer at Pilsa Plastics Company
February 1995 - August 1997 (2 years 7 months)
Responsible for Plastics Injection Moldroom Planning Activities

Projects

ECOGEM PROJECT
September 2010 to March 2013

Members:Burak O., Konstantinos D., Evgenia A., Marco G., Marco B., Wolfgang Kipp, Thomas B., Stephane D., Filippo C., Roberto A., Lycurgo Vidalakis, Inmaculada L., Luis Usatorre, Aurelio Diaz de Arcaya, Roberto G., Michal N., Mikolaj Kruszewski, Michalis Masikos, Eleni Theodoropoulou, Ioanna Mesogiti, George L., Sinisa Durekovic, Siegfried Klausmann

Funded in the context of the European Green Cars PPP Initiative (www.green-cars-initiative.eu) EcoGem aims at providing efficient ICT-based solutions to sustainable mobility in the market segment of Fully Electric Vehicles (FEVs). Specifically, EcoGem goal is to design and develop a FEV-oriented, highly-innovative Advanced Driver Assistance System (ADAS) equipped with suitable monitoring, learning, reasoning and management capabilities, that will help increase the FEV's autonomy and energy efficiency.

TEMSA PLM Project

January 2005 to May 2007

Members:Burak O.

SAP Document Management System Module implementation and customization was completed to manage all R&D design related documents in Temsa. CATIA V5 and SAP PLM Integration is completed by CENIT's CDI Software.

Publications

Advanced Driver Assistance System for Fully Electric Vehicles — Functionalities & Use Cases

IEEE July 24, 2012

Authors: Burak O., Konstantinos D., Evgenia A.

Fully Electric Vehicles (FEVs) represent a promising solution for the reduction of fuel consumption, air and noise pollution in urban areas. However, the commercial viability of FEVs is at stake if the issues of (battery) autonomy are not dealt with in a sufficient manner. Project EcoGem - Cooperative Advanced Driver Assistance System for Green Cars - claims that the success and user acceptability of FEVs will predominantly depend on their electrical energy consumption rate and the corresponding degree of autonomy that they can offer. EcoGem is providing the efficient ICT-based solutions to this great issue, by having designed and developed a FEV-oriented highly-innovative Advanced Driver Assistance System, equipped with suitable monitoring, learning, reasoning and management capabilities that helps increasing the FEV's autonomy and energy efficiency.

Languages

German

Skills & Expertise

Science and Technology Research
R&D Project Managing
SAP R/3
Vehicles
Project Planning
Automotive

CAE
Catia
Automotive Engineering
Powertrain
R&D
Engineering
ANSYS
Simulations
CAD
FMEA
Product Development
Finite Element Analysis
Lean Manufacturing
Kaizen
DFMEA
Product Lifecycle Management
CATIA

Education

University of Missouri-Columbia

M.Sc., Industrial and Manufacturing Systems CAD / CAM, 1997 - 2001

Istanbul Technical University

Bachelor of Science, Industrial Engineering, 1990 - 1994

Interests

Electrical Vehicles, Information and Communication Technologies for Electrical Vehicles

Burak Onur

Technology Manager at TEMSA

Contact Burak on LinkedIn