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## **CURRICULUM VITAE**

### **POSITION**

Director/dean of Superior Insititute for Automotive & Transports

Head of ID-MOTION laboratory

### **EDUCATION**

2007 : Habilitation to supervise research – Mechanics, Energy conversion - University Pierre et Marie Curie

1994-97 : Ph.D. of Ecole Nationale Supérieure d'Arts et Métiers, speciality in Mechanics

1992-93 : D.E.A. in Energy Conversion, ENSAM- UPMC

1989-93 : Engineer of Ecole Nationale Supérieure d'Arts et Métiers

### **EMPLOYMENT**

2008-2010 : Professor, Head of Energy & Control departement of ISAT

1998-2008 : Assistant Professor at University Pierre et Marie Curie – Mechanics, Energy Conversion, Robotics department.

1997-98 : Temporary researcher at E.N.S.A.M. Paris, engines laboratory.

1997 : Engineer for AURA, Physics & Mechanics Laboratory, St. Cyr l'Ecole, engine test bench development for IFP school.

1994-97 : Ph.D. collaboration with RENAULT S.A. (engine control).

### **LANGUAGES:**

Spanish, English ,French

### **SCIENTIFIC ACTIVITIES KEYWORDS:**

Fluid mechanics, Sprays, Thermodynamics, Mixture Formation, Combustion, Engines, Pollutant reduction, Energy efficiency

### **SCIENTIFIC PRODUCTION:**

Author of more than 40 articles in international journals, expert/reviewer for national research programs evaluation & international journals, 1 patent, 15 research contracts (Europe, ANR, industry), judicial expert.

12 PhD thesis supervisor, 31 PhD thesis jury member