

# Michel Vasquez

Enseignant–Chercheur

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## Operations Research and Combinatorial Optimization

### Qualification and Career

- 2005 Promoted to Ingénieur Divisionnaire de l'Industrie et des Mines
- 2004 Habilitation (Professorship Diploma), University of Science of Avignon
- 2000 PhD Thesis, University of Angers, prepared at Nîmes LGI2P
- 1989 Appointed Ingénieur de l'Industrie et des Mines at école des Mines d'Alès
- 1988 DEA (Artificial Intelligence & Image Synthesis), University of Science of St-Etienne
- 1987 Ingénieur de l'école des mines d'Alès
- 1979 – 1985 *Inspecteur des Télécommunications*, France-Telecom, Paris
- 1978 B.Sc. (License of Electronic & Automatic), University of Science of Montpellier

### Main responsibilities

- 1992 – 1997 IT Manager for DRIRE at Ecole de Mines d'Alès site de Rochebelle (12 permanent members)
- 2006 President of the organizing committee of JFPC'6 at site EERIE Nîmes France (100 participants)
- 2008 – 2010 Director of the LGI2P laboratory (43 members including 28 permanent)
- 2003 – 2015 Supervisor of four successfully defended Ph.D. theses

### 27 international journals and 40 peer-reviewed conference publications

#### Most relevant publications

- 2016 Consistent neighborhood search for **one-dimensional bin packing** and two-dimensional vector packing. Buljubašić, M., Vasquez, M. *Computers & Operations Research*
- 2006 On the **queen graphs coloring** problem. Vasquez, M. *Comptes Rendus Mathématique de l'Académie des Sciences*
- 2001 A hybrid approach for the **0-1 multidimensional knapsack** problem. Vasquez, M., Hao, J.-K. *International Joint Conference on Artificial Intelligence*

### Prices and distinctions

- 1st prize ROADEF/EURO 2014 International Challenge on **Rolling stock unit management on railway sites**
- 3rd prize ROADEF 2003 International Challenge on **Satellite scheduling**
- 1st prize ROADEF 2001 International Challenge on **Frequency assignment**