

## Sabri MOURAD

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36 years old  
Married, 3 children  
Syrian and French  
E-mail : mourasab@yahoo.fr

## Research and Development Manager (special advanced machines) Doctor Engineer in Mechanical Sciences / Master in Management

### Core competencies

Laser technology	Special industrial machines	Paper Industry
Textile Technology	Multi-culture Team management	Project management
Innovation process	Optimization of industrial process	International Relations

### Professional Experiences

Since Sept. 2000 : **Albany International France** (6000 employees American Company specialised in technical textiles with a 400 employees plant in Sélestat in France).

Since April 2005: Research and Development Manager (Executive position).

- Reporting to Executive Vice President of Research and Development (member of the board of Albany International, located in USA)
- Member of the management team of research and development activities of the corporation.
- Head of a team specialized in design and building of special advanced machines for all plants of the company located in US, Canada, South Korea, Brazil, Sweden, France, Australia and Finland and other external customers.
- Supervise the preparation and the submission of technical and commercial offers to internal and external customers.
- Introduce new technologies to the company and mainly the laser technology to achieve a radical innovation process
- Develop new products, process and tooling machines based on laser and weaving technologies. Annual budget of 6.0 M€.
- Co-ordination of development strategy of the company with R&D centers in Sweden and USA.
- Reinforce the relations of Sélestat research and development center with public research centers in France and clusters acting in the same domain of activity.

April 2004-March 2005 : Research and Development Project Leader (mid management position).

- Reporting to Technology Vice-President of Albany International
- Design and management of strategic R&D projects based on weaving technology.
- Development of new process and products with a global budget of 1,1 M€.
- Recruitment of internal resources and define outsourcing policy.

January 2002-March 2004 : Application Engineer.

- Reporting to Technical Director Europe
- Propose technical solutions adapted for customer needs in France, Japan, Spain and Portugal.
- Work with marketing and selling departments to promote the quality of our products.
- Propose and discuss new ideas to R&D department based on the market needs.

September 2000-December 2001: Service Engineer.

- Technical follow up of the wet part of paper machines in Spain, France, Portugal and Italy.
- Optimization of forming fabrics performances in co-ordination with Application Engineers.

- Jan-Aug 2000 : : **Researcher at the Ecole des Mines de Nancy (Engineering School in France)**
- Modeling of the process of titanium preparation by the electrical arc technology combined with magnetical mixing.
  - Developing a software to enhance numerical simulation of titanium production process.
- 1997-2000 : **Agence De l'Environnement et de la Maîtrise de l'Energie** (French Agency for Environment) **Research Engineer** in Industry department in co-operation with the Technical Centre for Paper Industry (Grenoble/France).
- Modeling of the rheology and the flow behavior of coating suspensions in paper industry.
  - Perform Numerical Simulations of coating process with rolls and blades.
  - Develop a software tool to increase the concentration of coating suspensions.
- 1998-2000 : **Institut National Polytechnique de Lorraine (INPL)**  
**Teacher** in Engineering schools of the Institute. Teaching more than 200 hours of solid mechanics, fluid mechanics and numerical simulations.
- 1997 : **Centre Technique de Papier (CTP or Technical Centre of Paper in Grenoble)**  
Training period of 4 months. Study of the flow in the Short-Dwell coating technology.
- 1996 : **Renault Group, Flins' plant (near Paris/France)**  
Training period of 10 weeks. Dimensioning of the transfer system of the electrical version of the Clio car during manufacturing process.

## Qualifications

- 2005-2007 : **Master in Business Administration (MBA)** - University of Haute Alsace and the Institut d'Administration des Entreprises in the framework of professional continuous qualification program of Albany International Corporation. Mention "Good".
- 2002-2004 : **Master in project management** - University de Haute Alsace in the framework of professional continuous qualification program of Albany International Corporation. Mention "Good".
- 1997-2000 : **Doctor in Mechanical Sciences. PhD from the Institut National Polytechnique de Lorraine (INPL).** Subject: Modelling the rheology and the flow behaviour of coating colors used in paper industry. Mention "Très Honorable avec les Félicitations du jury". This is highest possible mention in France for PhD degree.
- 1994-1997 : **Engineer in Solid Mechanics** - Ecole Nationale Supérieure d'Electricité et de Mécanique (ENSEM) – Nancy/France. Mention "Very Good".
- 1996-1997 : **Master of Research in Fluid Mechanics** - Institut National Polytechnique de Lorraine (INPL) – Nancy/France. Mention "Very Good".
- 1994-1995 : **Bachelor in Mechanics** - University of Henri Poincaré – Nancy/France.
- 1990-1993 : **Preparatory Classes** (Superior Mathematics and physics) – Higher Institute of Applied Sciences and Technology (HIAST) – Damascus/Syria.
- 1990 : High-School certificate – Scientific section – Damascus – Mention "Very Good".

## Languages

**French / Arabic** : *Bilingual*

**English** : *Read, Write, Speak (very good level)*

## Computer Sciences Skills

- Software: Word – Excel – PowerPoint – MS-project – Design Expert – Fluent – AutoCad,- Inventor.

## **Scientific and technical Communications and publications.**

- ‘The experience of Aerospace in technical textiles and its perspectives in automotive industry’ Communication with presentation and release, 6<sup>th</sup> International Conference on Automotive and Transport, Mulhouse, 27-28 November 2008.
- ‘*Innovation: a key factor for cleaner production, The case of Technical textiles and its role in reducing global pollution*’ Communication with presentation, Workshop on Promoting eco-labels and standards for Syrian textile industries organized by UN in Damascus, 19-20 November 2008.
- ‘*Management of innovation*’, courses for Master II students in project management, University of Haute Alsace, Mulhouse, France. Author.
- ‘*Supporting SMEs, a major challenge of regional sustainable development planning French experience with Oseo business development agency*’, Communication with presentation and release. Conference of Regional Sustainable development. Damascus, November 2007. Author.
- ‘*Determination of paper filler Z-distribution by low-vacuum SEM*’, Journal of Microscopy, Vol. 229, Pt 1 2008, pp. 44–59. Received 24 October 2006; accepted 24 July 2007, Author.
- ‘*Rheological behavior of coating colors (micro and macro aspects) and flow instability in the short dwell capacity*’, Communication with presentation and release. 35<sup>th</sup> conference of the French group of Rheology. Grenoble, France, October 2000.
- ‘*Influence of the proportion of talc, kaolin and latex on the rheological behavior of helio colours*’, Communication with presentation. Cost-E7 work shop organized by European Commission. Dresden, May 1999.
- ‘*Instability of the flow in a closed cylindrical cavity*’. Communication with presentation and release. Tappi coating conference’, Canada, May 1999. Author.
- ‘*Instability of the flow in short dwell cavity*’. Communication with poster. Fundamental coating symposium. Canada, April 1999. Author.

## **Miscellaneous**

- Twenty three invention disclosures respecting the internal procedure of Intellectual property of Albany International Corp.
- Internal Auditor of Albany International Corp.
- Winner of the French National Championship of Innovative Enterprises organized by the French Agency of innovation and the French Ministry of Research, 2003
- Teacher of Innovation management in the university of Mulhouse in France
- Member of Business Angels Alsace, a network to support the growth of innovative SMEs.
- Member of the Board of the French laser association
- Member of the Board of Strasbourg Institute of Technology, France
- Member of the selection committee of new Students of the engineering school of Alsace (ENSISA)
- Member of the official French Delegation of young entrepreneurs and executives visiting China in July 2006
- Member of Nostia Network, a Syrian association of Syrian scientists and technologists abroad.
- Member of the Official French-Syrian friendship National Assembly delegation visiting Syria in January 2008.
- Hobbies: Special interest for finance and economy. Oriental Cuisine.
- Visited countries: Japan, United States of America, China, England, Germany, Luxembourg, Belgium, Switzerland, Italy, Spain, Portugal, Netherlands, Denmark, Sweden, Austria, Finland, Syria, Lebanon, Jordan, and Australia.