

Société de Calcul Mathématique SA

*Tools for decision help*

*since 1995*



## **Job offer / Ph.D. offer**

### **Probabilistic Methods for the Control and the Improvement of Quality in Industrial Processes**

The Company "Société de Calcul Mathématique SA", Paris, France, offers a Research Engineer position, for three years, starting September 1st, 2015.

The successful candidate will have at the same time to prepare a Ph.D. at the University "Pierre et Marie Curie" (University of Paris 6), on the same topic.

**General subject:** To develop probabilistic methods in order to evaluate the quality of an industrial production; define and improve the return on experience (taking into account aberrant, imprecise, missing data), in order to build probability laws for life duration. To analyze uncertainties upon the various steps in the evaluation and to combine them in a global manner; to determine the most influential parameters and to assign proper values to them, in order to obtain an improvement of the overall quality.

**Necessary knowledge:** A solid background in probabilities/statistics is necessary.

**Language:** The successful candidate should be fluent in English and will have to learn French.

**Salary:** The neat monthly salary will be 1 800 Euros, plus "ticket restaurant" (help for food).

**Duration of the contract:** Three years; may become permanent.

**Working place:** Paris, France.

**Working time:** Full time

**Scientific Advisor of the Ph.D.:** Prof. Paul Deheuvels, Professor, University Pierre et Marie Curie, member of the French Academy of Sciences.

**Project organizer:** Prof. Bernard Beauzamy, Chairman and CEO, Société de Calcul Mathématique SA.

In order to answer this offer, please send a resume with photo and letter of motivation to :

Société de Calcul Mathématique SA  
111 Faubourg Saint Honoré, 75008 Paris, France  
scm.sa@orange.fr

**no later than July 31st, 2015**