



Ali Mohammad-Djafari

Curriculum Vitae

Identity and address

Name : **MOHAMMAD-DJAFARI.**
First Name : **Ali.**
Birth date : **Septembre 23, 1952.**
Nationalities : **French, Iranian.**
Home : **10 rue de Montjay, 91440 Bures-sur-Yvette, France.**
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Present position

Research Director at CNRS (Centre nationale de la recherche scientifique)
Laboratoire des Signaux et Systèmes (umr8506 CNRS-CentraleSupélec-UPSa)
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Education Background

1971–1975 : **Engineering degree in Electronics**, *Polytechnique de Téhéran*, Amirkabir University of Technology, Teheran.
Iran

1975–1977 : **Ingénieur (M.Sc.)**, *Ecole supérieure d'électricité (Supélec)*, Gif-sur-Yvette, France.

1977–1981 : **Docteur-Ingénieur (Ph.D.)**, *Université Paris Sud*, Orsay, France.
Title *Mesure non traumatisante de l'activité électrique des voies de conduction spécifiques auriculo-ventriculaire.*
Jury B. Picinbono, R. Duperdu, J. Perrin, G. Demoment
Date & Order 12 mai 1980, num. d'ordre 426

1982 : **French National Qualification for Associate Professor positions**, *Université Paris Sud*, Orsay, France.

1981–1987 : **Docteur-ès-Sciences Physiques**, *Université Paris Sud*, Orsay, France.
Title *Syntaxe de Fourier multivariées à maximum d'entropie*
Jury B. Picinbono, Y. Biraud, G. Demoment, Ph. Garderet, J.L. Lacoume, J. L.C. Sanz
Date & Order 13 November 1987, num. d'ordre 3382

1988 : **French National Qualification for Professor positions**, *Université Paris Sud*, Orsay, France.

Summary of Professional positions

1981-1983 : **Assistant Professor**, *Université Paris Sud, Orsay, France.*
1983-1984 : **R & D Engineer**, *Société Equipements Scientifique S.A.*, Garche, France.
1984-1997 : **Research position (CR)**, *CNRS*, France.
1998-2005 : **Head of Signal Processing Department**, *Laboratoire des signaux et systèmes (L2S).*

1997-1998 : **Visiting Associate Professor**, *Electrical Engineering Department*, Notre Dame University, South Bend, Indiana, USA.

1999-Today : **Senior Research Director (Directeur de recherche)**, *CNRS*, France.

Publications

- 60 full papers in international journals
 - 2 books editions (Co-author in 7 chapters in each)
 - 7 Conference Proceedings editions
 - 40 Invited and Keynotes in international Conferences
 - 30 chapters in different books and edited proceedings
 - 320 Scientifique communications in international conferences
 - 5 Tutorials of scientific programs
- see : <https://scholar.google.com/citations?user=T6UTmeMAAAAJ&hl=en>

Associate Editor of International Journals

- 1997-2005 Associate Editor of *J. of Electronic Imaging*
- 2011-2013 Associate Editor of *Eurasip J. of Signal Processing*

Ph.D. Supervision

- 22 Ph.D. defended :
- 3 Ph.D. running since 2015 :

Associate Editor of International Journals

- 1997-2005 Associate Editor of *J. of Electronic Imaging*
- 2011-2013 Associate Editor of *Eurasip J. of Signal Processing*

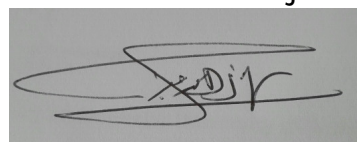
Reviewer activity :

- IEEE Trans. on Signal Processing, on Image Processing, Pattern Analysis and Machine Intelligency, on Information Theory, on Acoustics Speech and Signal Processing
- IEEE Trans. on Bio-Medical Engineering, on Medical Imaging
- IEEE Trans. on Geoscience and Remote Sensing
- The Computer Journal, Signal Processing, Traitement du Signal
- Applied Optics, Inverse Problems, Journal de Physique III
- Journal of statistical planification, Computational Statistics and Data Analysis
- J. of Theoretical Computer Sciences, J. of Entropy
- ICASSP, ICIP, ICPR, ISBI, FUSION, IFAC World Congress, WIO, GRETSI

Research domain keywords :

Bayesian inference ; Information Theory and Maximum Entropy ; Inverse Problems ; Image reconstruction ; Signal and image deconvolution ; Blind source separation and sources localization ; Multi and Hyper spectral image segmentation ; Medical imaging ; Computed Tomography ; Non Destructive Testing (NDT) in industry ; Multivariate and multi dimensional data for biological or medical applications.

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