

Curriculum Vitae



Mustapha BENMOUNA

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Phone: 043 38 27 62; 05 61 59 26 06

born 20/09/1946, Oujda, Morocco

Married, one child

University Aboubakr Belkaid of Tlemcen
Faculty of Sciences, BP119, Tlemcen 13000

Professor of Physics since 03 / 12 / 1985

Head of the Macromolecular Research Laboratory (2000-2014)

Algerian Head of the International Associated Laboratory (Tlemcen/Lille 2005 – to date)

Member of the National Research Committee of Science and Technology

Co-author of 190 publications in specialized journals

Thomson Reuter Award on polymer research 2010

Degrees

Bachelor's degree of Sciences	University of Algiers	1969
Bachelor's of Mechanical and Electrical Engineering	Ampère School (Paris)	1971
Master's degree in Nuclear Engineering	University of Michigan (USA)	1977
PhD in Nuclear Engineering	University of Michigan (USA)	1979
PhD in Condensed Matter	University of Strasbourg	1984

Teaching experience

Classical Thermodynamics (1982 - 1991)

Initiation to Research (1985 - to date)

Statistical Physics (2004 - 2009)

Modern Concepts in Polymer Physics (2004 - 2009)

Noise Analysis stochastic processes (1983 – 1987)

Technical English (1983 – to date)

Head of Master and PhD Committees in Medical Physics (2009 – to date)

PhD Supervisor (14)

Khaldi Smain (1998) ; Mlle Hakem Ilham Faiza (1998) ; Mme Benmouna Farida (1999); Mlle Negadi Amina (2000); Berrayah Abdelkader (2001) ; Bouchaour Tewfik (2004) ; Mme Bedjaoui Lamia (2006) ; Boussaid Abdelhak (2006) ; Bensafi Abdelhamid (2008) ; Chabane-Sari Sidi Mohamed (2008) ; Larabi Lahcène (2006), Mme Bouayed - Kazi Yamina (2010) ; Mme Fasla Badia (2011), Mme Chirani Naziha (2012)

Research

Co – author of **190 publications** in international scientific journals

Co – author with Prof. Andrej Jordan of a book entitled: *Non linear Physical Processes*
Edited by Polytechnic school of Bialystock, Poland (1987)

Nominations

Member of Third World Academy of Sciences (renamed as The World Academy of Sciences or TWAS, UNESCO Trieste Italy)	1989
Founding member of Académie Francophone d'Ingénieurs (UNESCO Paris)	1996
Member of New York Academy of Sciences	1994
Member of African Academy of Sciences	1995
Corresponding fellow of the International Center for Theoretical Physics (ICTP, UNESCO, Trieste, Italy)	1987
Who's Who in the World 19 th edition	2002
Fulbright Fellow (Tulane, New Orleans, USA)	1993

Professor's Benmouna current research interests include

- Ionic networks in polymer solutions: Structural properties and phase behavior
- Dynamical relaxations of crosslinked networks in polymer solutions
- Anisotropy induced phase separation in polymer dispersed liquid crystals
- Interpretation of Small-Angle Neutron Scattering of Block Copolymer/Nanoparticle Blends Using the Random Phase Approximation
- On the Hyper Thermal Therapy of Tumor Tissues by Direct Laser Heating and Gold Nano Particules