Mihai Gheorghe Mihăilescu

1 Coordinates

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2 Education

- January 15, 2007 **Ph. D.** at the University of Craiova, Romania, with the thesis: *Variational and Topological Methods in the Study of Semilinear and Quasilinear Problems.* Superviser: Vicenţiu Rădulescu. Examiners: Lucian Beznea (Institute of Mathematics *Simion Stoilow* of the Romanian Academy, Bucharest), Alberto Farina (Université de Picardie, France), Radu Precup (Babes Bolyai University, Cluj-Napoca, Romania). This thesis was graded: *Magna Cum Laude.*

- 2003 **M. Sc.** Dynamic Systems and Evolution Equations, at the University of Craiova with the disertation thesis: *Boundary Value Problems for Nonlinear Elliptic Equations.* Adviser: Prof. Dr. Vicenţiu Rădulescu.

- 2001 **B. Sc.** at the University of Craiova with the graduation thesis *The Critical Point Method in the Study of Boundary Value Problems.* Adviser: Prof. Dr. Vicenţiu Rădulescu.

- 1996-1997 **Freshman** at the National Institute of Applied Sciences of Lyon (L'Institut National Des Sciences Appliquées).

- 1996 **High School Graduate**, *Nicolae Bălcescu High School* of Craiova (at present, *Carol I National College*).

3   Activity

- 2007 *Assistant Professor* at the Department of Mathematics of the University of Craiova.
- 2003-2007 *Junior Assistant Professor* at the Department of Mathematics of the University of Craiova;

4   Scientific grants

- *Director* **Go8 European Fellowship** (a fellowship financially supported by Go8 Australian Universities) at the *School of Mathematics and Statistics* from the *University of Sydney* (Australia). (20000 AUD)
http://go8.edu.au/_documents/newsletters/2011/go8_newsletter_dec2011.pdf
http://www.maths.usyd.edu.au/u/About/visitors.html#Upcoming visitors

- *Director* of the research project: *Probleme neliniare modelate de operatori diferentiali neomogeni* (financially supported by CNCSIS-UEFISCSU, project number PN II-RU PD-117/2010), 28 July 2010-28 July 2012. (340000 lei)

- *Member* in the research project: *Analysis, Control and Numerical Approximations of Partial Differential Equations* (financially supported by CNCSIS-UEFISCSU, project number PN-II-ID-PCE-2011-3-0075), 1 October 2011-1 October 2014, project director: Ioan-Liviu Ignat. (1500000 lei)

- *Member* in the research project: *Proprietati calitative ale ecuatilor cu derivate partiale si ale aproximarilor lor numerice* (financially supported by CNCSIS, project number PNII TE-4/2010), 28 July 2010-28 July 2013, project director: Ioan-Liviu Ignat. (750000 lei)

- *Member* in the research project: *Procese Neliniare Degenerate si Singulare* (financially supported by CNCSIS, project number PNII 78/2007), 1 October 2007-30 September 2010, project director: Vicenţiu Rădulescu. (1000000 lei)

5   Awards

- A large number of my papers published in ISI journals were awarded over the years (in the period 2007-2011) within the program *Human Resources*, subprogram -*Prize award of research activity (papers)* of CNCS and UEFISCDI. More information (including official files that specify which papers were awarded) can be found on the web-site:
http://uefiscdi.gov.ro/articole/2510/Pachet-informatii-Articole-2011.html

6 Conferences, workshops, talks

- Workshop: **Resultats concernant le p-Laplacien avec p non-constant**, November 6, 2007, Institut of Mathematics Simion Stoilow of the Romanian Academy, Bucharest, Romania (with the talk: *Spectral properties of some nonhomogeneous differential operators*).
  http://www.imar.ro/ purice/Inst/Conferinte-07.html

- Workshop: **Some Topics in Applied Mathematics**, November 21, 2007, Central European University, Budapest, Hungary (with the talk: *A continuous spectrum for non-homogeneous differential operators in variable exponent spaces*).
  http://web.ceu.hu/math/News&Events/Archives/Archives_2006_2009.html

- Workshop: **Calculus of Variations and Optimization**, October 2, 2008, Central European University, Budapest, Hungary (with the talk: *Eigenvalue problems for anisotropic elliptic equations*).
  http://web.ceu.hu/math/News&Events/Archives/Archives_2006_2009.html

- **Workshop on Partial Differential Equations**, October 29-30, 2008, Institut of Mathematics Simion Stoilow of the Romanian Academy, Bucharest, Romania (with the talk: *Eigenvalue problems involving variable exponents*).
  http://www.imar.ro/%7Epurice/conferences/2008/workshop-ignat-rp3.pdf

- Workshop: **Nonlinear Difference and Differential Equations and Applications**, April 2-4, 2009, University of Rousse, Bulgaria (with the talk: *Eigenvalue problems associated to the Laplace operator*).

- **Romanian-German Symposium on Mathematics and Its Applications**, Sibiu (Hermannstadt), Romania, May 14-17 , 2009 (with the talk: *Some eigenvalue problems associated to the Laplace operator*).
  http://depmath.ulbsibiu.ro/event/rogers2009/

- Workshop: **Applied Analysis**, February 12 (Friday), 2010, Central European University, Budapest, Hungary (with the talk: *Degenerate elliptic equations involving variable exponent growth conditions*).
  http://web.ceu.hu/math/News&Events/News&Events.html

- Workshop: **Nonlinear Difference and Differential Equations and Applications**, April 22-24, 2010, University of Rousse, Bulgaria (with the talk: Γ-*Convergence of functionals in Sobolev spaces with variable exponents*).

- **Variable Exponent Analysis**, June 28 - July 2, 2010, University of Oulu, Finland (with the talk: Γ-*convergence for some power-law functionals involving nonstandard growth conditions*).
  http://www.helsinki.fi/ hasto/varexpo/

- **Departamental Seminar of the Department of Mathematics and its Applications from the Central European University, Budapest, Hungary, September 28, 2010** (with the talk: *An eigenvalue problem for an elliptic differential operator with the Neumann boundary condition*).
  http://web.ceu.hu/math/Research/Sessions.html

• **Workshop on Partial Differential Equations**, November 25-26, 2010, Institut of Mathematics Simion Stoilow of the Romanian Academy, Bucharest, Romania (with the talk: Γ-*convergence of functionals involving variable exponents*).
http://www.imar.ro/math-mode/2010/workshop_imar_2010.pdf

• **Workshop for Young Researchers in Mathematics**, May 12-13, 2011, "Ovidius" University of Constanţa, Constanţa, Romania (with the talk: *Mosco convergence for some power law functionals involving variable exponents*)
http://math.univ-ovidius.ro/workshop/2011/WYRM/

• **Workshop on Applied Mathematics**, May 26, 2011, Central European University, Budapest, Hungary (with the talk: *Mosco convergence of functionals in Sobolev spaces with variable exponents*)
http://mathematics.ceu.hu/news/2011-05-21/
workshop-on-applied-mathematics-dedicated-to-the-20th-anniversary-of-ceu

• **The Seventh Congress of Romanian Mathematicians**, June 29 - July 5, 2011, "Transilvania" University of Braşov, Braşov, Romania (with the talk: *Mosco convergence for some power law functionals involving variable exponents*)
http://imar.ro/organization/activities/standalone/congmatro2011/conf.php

• **International Conference on Differential & Difference Equations and Applications**, July 4-8, 2011, Azores University, Ponta Delgada, Portugal (with the talk: *Mosco convergence for some power law functionals involving variable exponent growth conditions*)
http://www.spinelas.uac.pt/AzoresConference.htm

• **ICNAAM 2011, 9th International Conference of Numerical Analysis and Applied Mathematics**, September 19-25, 2011, G-Hotels, Halkidiki, Greece (with the talk: *An existence result for a PDE involving a Grushin type operator and variable exponents*)
http://www.icnaam.org/

• **Analysis Seminar of the Department of Mathematics and Statistics from Loyola University Chicago**, October 17, 2011, (with the talk: *On a maximum principle related with eigenvalue problems involving variable exponents*)
http://webpages.math.luc.edu/ mbocea/AnalysisSeminar-Fall2011.html

• **AMS Western Section Meeting**, October 22-23, 2011, University of Utah, Salt Lake City, Utah, USA (with the talk: *A maximum principle connected with eigenvalue problems involving variable exponents*)
http://www.ams.org/meetings/sectional/2184_program_ss15.html

7 Conferences organized

• **Special Session on Applied Analysis** at **AMS Western Section Meeting**, October 22-23, 2011, University of Utah, Salt Lake City, Utah, USA (co-organizer with Marian Bocea, Department of Mathematics and Statistics, Loyola University Chicago).
http://www.ams.org/meetings/sectional/2184_program_ss15.html