

CURRICULUM VITAE - Gelu I. PAȘA

FORMATION:

Abilitation Thesis, 2013:

Mathematical models for immiscible displacement in porous media and thin tubes, "Simion Stoilow" Institute of Mathematics of Romanian Academy.

Jury and Referees: Prof. S. Anița (Univ. A. I. Cuza, Iasi), Prof. Sanda Cleja-Țigoiu (Univ. Bucharest), Prof. I. R. Ionescu (Univ. Paris 13, France).

Habilitation a Diriger des Recherches (H.D.R.), 2003:

Oil Recovery and Hele-Shaw model, University of Saint-Etienne, France.

Jury and Referees: Prof. G. Panasenko, Prof. A. Largillier, Prof. M. Ahues (Univ. Saint-Etienne, France), Prof. Michelle Chambat (INSA Lyon, France), Prof. Doina Cioranescu (Univ. Paris VI), Prof. M. Panfilov (INP Lorraine, France), Prof. R. Alexandre (Univ. Orleans, France).

Ph. D. in Mathematics, 1983:

Continuum Media and Homogenization Theory, ICEMAT- Central Institute of Mathematics, Bucharest, Romania.

Jury and Referees: Prof. H. Ene, Prof. E. Soos (INCREST, Bucharest), Prof. P. Mustata (ICEMAT, Bucharest), Acad. Prof. V. Barbu (Univ. Iasi).

Master in Fluid Mechanics, 1975, University of Bucharest, Romania.

Faculty of Mathematics, 1974, University of Bucharest, Romania.

MATHEMATICS FIELDS

Homogenization, Mechanics of Continuous Media, Seepage, Oil recovery, Optimization, Stability.

RESEARCH ACTIVITY:

- * Two monographies and 61 scientific papers published in Italy, France, Germany, Netherlands, Russia, Romania, USA.
- * Communications accepted to Internatinal Conferences in Belgium, Bulgaria, Chile, France, Poland, Russia, Romania, USA.
- * Prize 'Gh. Lazar' of Romanian Academy (1987).

TEACHING ACTIVITY:

- * *Faculty of mathematics, Univ. of Bucharest (1980-1990):*
Courses and seminars of Mechanics and Fluid Mechanics
- * *Politechnic University of Bucharest (1978-1980), (1990-1992):*
Courses and seminars of Mathematical Analysis and Special Mathematics
- * *University Valachia Targoviste (Romania) (1992-2002):*
Courses of Economical Mathematics and Engineering Mathematics
- * *University of Saint-Etienne, France (1997-1999):*
Courses and seminaires of Convex Analysis and Optimization (IV year);
Seminars of Partial Differential Equations (II year)
Courses of Numerical Analysis (II year)
Seminars of Statistic and Probability (first year)

STAYS ABROAD (SCIENTIFIC AND TEACHING ACTIVITY)

- * Two weeks, Steklow Institute of Mathematics and Moscow University, 1982.
- * Three weeks, Institute of Fluid Mechanics - Novosibirsk, 1990.
- * Bourse TEMPRA (six months), at the University Jean Monnet of Saint- Etienne (Equipe d'Analyse Numerique), France, 1996.
- * Associated Professor (P.A.S.T.) at the University Jean Monnet of Saint-Etienne (Equipe d'Analyse Numerique), France, 1997-1999.
- * Invited Professor, Texas A & M University, College Station, USA, 2005.
- * Invited Professor, LEMTA, Nancy, France, 2008.
- * Invited Professor, Texas A & M University, College Station, USA, 2010.

EMPLOYEMENT

- 2003: Full professor, Institute of Mathematics of "Simion Stoilow" of Romanian Academy (I. M. A. R.), Bucharest, Romania.
- 1997: Associate Professor, I. M. A. R., Bucharest.
- 1990: Senior Researcher, I. M. A. R., Bucharest.
- 1981: Researcher, INCREST, Dept. of Mathematics, Bucharest.
- 1978: Mathematician, Institute of Fluid Mechanics, Bucharest.
- 1975: Analist, Computing center CIACUT, Bucharest.

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