

CURRICULUM VITAE

2019

Name: Thanases (or Athanasios) C. Pheidas

Address: Department of Mathematics, University of Crete, 71409 Herakleion, Crete, Greece (tel. 30-2810-393836)

Electronic mail address: pheidas@math.uoc.gr

Web page: <http://www.math.uoc.gr:1080/proswpiko/dep/pages/pheidas>

Place and year of birth: Athens, Greece, 1958

Military duty: (as obliged by the Greek Constitution): June 1986-June 1987

Education

High school diploma: Varvakeios Protupos Schole, Athens, Greece, June 1976

Bachelor of Science: University of Patras, Greece, May 1981

Graduate student - Teaching Assistant towards the Ph.D. degree in Mathematics: Purdue University, U.S.A., August 1981-August 1985. Also graduate student, Katholieke Universiteit Leuven, Belgium, spring semester 1984

Ph.D. Thesis: Purdue University, U.S.A. August 1985

Thesis Title: The diophantine problem for addition and divisibility in polynomial rings

Research Area: Mathematical Logic and applications to Algebra and the Theory of Computation

Thesis advisor: Leonard Lipshitz

Professional Experience

Visiting Scholar, Purdue University, U.S.A., Spring Semester 2014.

Invited Senior Researcher by the State of Chile, University of Concepcion and University of Talca, Chile, July-October 2012.

Invited Researcher, Hausdorff Research Institute for Mathematics, Bonn, Germany, January-February 2009.

Visiting Faculty, Purdue University, U.S.A., Spring Semester 2006.

Professor, Department of Mathematics, University of Crete, Greece, since January 2005.

Associate Professor, Department of Mathematics, University of Crete, Greece, September 1996 - January 2004.

Assistant Professor, Department of Mathematics, University of Crete, Greece, January 1991 - September 1996.

Visiting Assistant Professor, Department of Mathematics, University of Illinois at Urbana-Champaign, U.S.A., August 1989-January 1991.

Postdoctoral Researcher, Computer Technology Institute, Patras, Greece, September 1986 - May 1987.

Assistant Professor (on a tenure track appointment), Department of Mathematics, Florida International University, Miami, U.S.A., August 1985 - May 1986 and June 1987 - August 1989.

Advisor of Doctoral Thesis

1. *Advisor* of the Doctoral Thesis of the Graduate Student and PhD. Candidate Dimitra Chompitaki, University of Crete, Greece, (candidate supported by a National Grant of the State agency ‘ELIDEK’ of Greece).
2. Co-advisor of Doctoral Thesis of Manos Kamarianakis, University of Crete, December 2018.
3. *Co-advisor* (with Xavier Vidaux, Department of Mathematics, University of Concepcion, Chile) of the Doctoral Thesis of the Graduate Student Jose-Luis Riquelme.
[granted: University of Concepcion (Chile), 2007.
current position: Fellow, Harvard University and Advanced Research Institute (U.S.A.)
5. *Co-advisor* (with Jan Van Geel, Department of Mathematics, University of Gent, Belgium) of the Doctoral Thesis of the Graduate Student and Teaching Assistant Jeroen Demeyer.
[granted: University of Gent (Belgium), 2006,
current position: Fellow of the Flemish Research Foundation (FWO), University of Ghent (Belgium); former position at Scuola Normale Superiore di Pisa, with a fellowship from FWO.
6. *Co-advisor* (with Jean-Louis Duret, Department of Mathematics, University of Angers, France) of the Ph. D. Thesis of Xavier Vidaux
[granted: University of Angers, September 2001,
current position: University of Concepcion, Chile; former position at Oxford University - United Kingdom, with a Marie Currie individual fellowship of the European Union].

7. *Co-advisor* (with Jan Van Geel, Department of Mathematics, University of Gent, Belgium) of the Ph. D. Thesis of Karim Zahidi
[*granted*: University of Gent, November 1999,
current position: University of Anvers - Belgium; former position at University of Paris VI, France, with a Marie Currie individual fellowship of the European Union].

Advisor of Master's Thesis

1. Advisor of Master's Thesis of Georgia Kourkounaki, University of Crete, 2019.
2. Advisor of Master's Thesis of Ioanna-Eleni Bacha, University of Crete, 2018.
3. Advisor of Master's Thesis of Dimitra Chompitaki, University of Crete, 2016.
4. Advisor of Master's Thesis of Master's Thesis of Marianthi Maniou, University of Crete, 2015.
5. Advisor of Master's Thesis of Demirhan Tunc, Istanbul Bilgi University, Turkey, 2007.

Research Fellowships-Grants

1. *Senior Researcher* for the direction of a Research Project funded by the state of Greece under the general title "Support of research for young researchers", members of the rearch team: Em. Kamarianakis (post-doctoral), Dimitra Chompitaki (Ph.D. candidate), November 2019-March 2021.
2. Grant for the PhD. Candidate Dimitra Chompitaki, Research Special Account, Univeristy of Crete, 2017 (for 3 years).
3. Chile *Senior Researcher Program*, University of Concepcion and University of Talca, Chile, July-October 2012.
4. *Senior Researcher* for the direction of the Research Project of the Post-Doctoral Researcher *Alla Sirokofskich*, University of Leeds UK and University of Crete Greece, April 2012-April 2014.

5. *Visiting Researcher, Hausdorff Institute, Bonn*, (Trimester on Diophantine Equations), Germany, January-February 2010.
6. European Union- Human Capital and Mobility Programme, participant in the Model Theory Network MODNET, 2004-2006.
7. European Union- Human Capital and Mobility Programme, participant in the Model Theory Network (coordinated by the Model Theory group of the University of Paris), 1993-1996.
8. Research Account of the University of Crete, September 1991-1993.
9. National Science Foundation, U.S.A., extension of grant DMS-8605198, June 1989-June 1991.
10. National Science Foundation, U.S.A., grant DMS-8605198, June 1987-June 1989.
11. Purdue Science Foundation, David Ross Grant, August 1984-August 1985.

Invited talks in 2010-2018

- Simposio Latino Americano de Logica Matematica, Universite de Concepcion, December 2019.
- American Institute of Mathematics, *Definability and Decidability problems in Number Theory*, San Jose California, USA, May 2019.
- Model Theory, Combinatorics and Valued Fields, Institute Henri Poincare, Sorbonne, Paris, France, January 2018.
- Oberwolfach Research Institute for Mathematics (MFO), Workshop: Definability and Decidability Problems in Number Theory, October 2016.
- Conference in honor of C. Dimitrakopoulos, University of Athens, Greece, November 2014.
- Logic Seminar, University of Notre Dame, USA., 2014
- Logic Seminar, University of Illinois at Urbana-Champaign, USA., 2014
- American Institute of Mathematics, *Definability and Decidability problems in Number Theory* San Jose California, USA, September 2013.
- *Congreso de matematica capriconio* (COMCA 2012), University of Antofagasta, Chile, August 2012.
- *Qolloquium* University of Talca, Chile, August 2012.
- *Qolloquium* University of Concepcion, Chile, August 2012.
- *Logic Seminar*, University of Napoli, Italy, March 2012.
- *Logic Seminar*, University of Napoli, Italy, February 2011.
- *Colloquium*, Department of Mathematics, Purdue University (USA.), March 2011
- *Midwest Meeting in Logic*, University of Illinois at Chicago (USA), March 2011
- *Mathematics Seminar*, University of Bio Bio (Chile), April 2011

- Conference *Definability in Number Theory*, University of Ghent (Belgium), September 2010

Teaching

- Have taught continuously since the Ph.D. years (1981). Have taught all major undergraduate subjects (Calculus and Analysis, Differential Equations and Applied Mathematics, Algebra and Number Theory, Geometry, Logic, Discrete Mathematics, Theory of Computation etc.) except for courses on Statistics. Have introduced experimental courses on subjects such as Graph Theory and Galois Theory.
- Have taught post-graduate courses in all Universities I have worked. The subjects have varied from Logic and Model Theory, to Algebra, to Discrete Mathematics to Theory of Computation and Algorithms.
- Have taught specialized post-graduate courses in Summer Schools and Special Events. A few latest examples:
 - a) Will teach a graduate and research course at the University of Concepcion, Chile, within the framework of the European Project Erasmus+ (student, teacher and researcher exchanges of EU countries with non-EU ones), 2019-2020.
 - b) University of Napoli (Italy), March 2011,
 - c) Summer School, University of Crete (Greece), July 2011.
 - d) Newton Institute, Cambridge University (UK), 2005.
- Participation to and organization of exchange of students through projects such as the Erasmus Program of the European Union.

Organizational activities

- (co-)Organizer and member of the Scientific Committee of the Panhellenic Logic Symposium 2019 (Crete, Greece).
- Scientific Committee of the Panhellenic Logic Symposium 2017 (Delphi, Greece).
- Scientific Chair of the Panhellenic Logic Symposium 2015 (Samos, Greece).
- *Invited Instructor* to the graduate program of the Department of Mathematics, Universita di Napoli, Italy, through the Erasmus exchange program, February 2011.
- Participant to the Graduate Program on Logic and Algorithm of the University of Athens, Greece 2000 - to now.
- Participant to the Graduate Program and the Research Program FONDECYT (Researcher in charge: Xavier Vidaux) of Universita de Concepcion, Chile, 2007-now.
- *Co-organizer* (with G. Everest) of *Number Theory and computability*, International Center for the Mathematical Sciences (ICMS), Edinburgh, Scotland, UK, June 2007.
- In charge of the new phase of the program: *Current trends in Mathematics: Algebra, Geometry, Differential Equations, Numerical Analysis, Applications to Biology*, funded by the European Commission, under the responsibility of the Foundation for Research and Technology - Hellas (FORTH), 2005-2006 (five conferences).
- *Co-organizer* (with E. Kranakis and E. Kirousis) of *Anogia Algorithmica*, Academic Village of Anogia, Crete (Greece), June 2005.
- *Co-organizer* (with E. Zachos) of the *Panhellenic Logic Symposium*, Anogia Academic Village, Greece, July 2001.
- *Co-organizer* (with G. Cornelissen, J. Denef, J.V. Geel and L. Lipshitz) of the *Workshop on Hilbert's Tenth Problem- Relations with Arithmetic and Algebraic Geometry*, Gent, Belgium, November 1999.

- *Member of the Organizing Committee* of the *Conferences in Mathematics on Crete*, a series of conferences which are held each summer in Crete and have been supported by the programme Training and Mobility of Researchers between 1994-2000.
- *Local coordinator* of an Erasmus chain (exchange of students funded by the European Union)-main coordinator: A. Warrinnier, Katholieke Universiteit, Leuven, Belgium, 1993-1997.
- *Co-organizer* (with J. Antoniadis and N. Tzanakis) of the *Summer School in the Arithmetic of Elliptic Curves*, Crete, July 1994.
- *Co-organizer* (with J. Antoniadis) of the *Summer School in the Model Theory of Fields*, Crete, July 1993.