CURRICULUM VITÆ

Çiğdem Gencer Balbiani

Personal Details

Year of Birth: 1966

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Education

- Ph. D. in Mathematics, Ege University, Izmir, 1995
  Dissertation Title: On Nonstandard Models of Arithmetic

- MS in Mathematics, Ege University, Izmir, 1990
  Dissertation Title: Relation of Doubly Regular Tournaments with Quadratic Residue Tournaments and an Application of Tournaments

- BS in Mathematics, Yüzüncü Yıl University, Van, 1987

Research Interest:

Admissible inference rules and unification in non-classical logics (modal logics, epistemic logics, contact logics)

Professional Experience

November 2018 — Guest Professor, Toulouse University, IRIT (Toulouse Institute of Computer Science Research). Research Group: LILAC (Logic, Interaction, Language and Computation), France

Since 2017 — Associate Researcher. Toulouse University, IRIT (Toulouse Institute of Computer Science Research). Research Group: LILAC (Logic, Interaction, Language and Computation), France

2016-2019 — Researcher in the International Project "Space, Time and Modality: Relational, Algebraic and Topological Models". Project of the Minister of Education of Bulgaria, Faculty of Mathematics and Informatics, Sofia University (Duration of the

project extended until 2020)

Since academic year 2016-2017, Professor at Istanbul Aydın University

Academic year 2016-2017 —- part time-lecturer at Sabancı University, Istanbul

Academic year 2015-2016 (spring term) — Part-time Lecturer at Sabancı University

September-December 2015 — Guest Professor, Toulouse University, IRIT (Toulouse Institute of Computer Science Research). Research Group: LILAC (Logic, Interaction, Language and Computation), France

Academic year 2013–2014 (fall term) — Part-time Lecturer at Bahçeşehir University: I have given two courses; Logic I and Logic and Computer Applications

September 2012 — Guest Professor, Toulouse University, IRIT (Toulouse Institute of Computer Science Research). Research Group: LILAC (Logic, Interaction, Language and Computation), France

2009-August 2015 — Istanbul Kültür University (IKU), Deparment of Mathematics and Computer Science, Professor, Istanbul

2005-2009 — Istanbul Kültür University, Department of Mathematics and Computer Science, Associate Professor, Istanbul

2000-2004 — Boğaziçi University, Mathematics Department, Assistant Professor, Associate Professor, Istanbul

2002 (two months) — Rutgers University, Mathematics Department, Post-Doctoral Position, USA

1999-2000 — Ege University, Mathematics Department; Assistant Professor, Izmir

1998-1999 — Hebrew University, Institute of Mathematics, Post-Doctoral Position, Israel

1988-1997 — Ege University, Mathematics Department, Research Assistant, Izmir

Grants, Fellowships and Awards

2009 Academic Publication Award, Faculty of Science and Letters, IKU

2003, Academic Publication Award, Faculty of Art and Science, Boğaziçi University

02/08/2002–30/10/2002, NSF Grant, Rutgers University, USA

01/01/2000–01/02/2000, Post-Doctoral Fellowship, Hebrew University, Institute of Mathematics, Jerusalem, Israel

01/01/1999–01/08/1999, Post-Doctoral Fellowship, Hebrew University, Institute of Mathematics, Jerusalem, Israel

01/09/1998–01/01/1999 Post-Doctoral Fellowship from TUBITAK (NATO-B2)

1997, Academic Publication Award by TUBITAK

25/07/1995–06/08/1995, Summer School — Logic of Computation, Fellowship, NATO Scientific Committee, Germany

Academic Teaching Experience

Courses Taught (undergraduate level): Mathematical Logic, Mathematical Logic for Computer Science, Logic, Discrete Mathematics, Introduction to Mathematical Structures, Topology, Linear Algebra, Matrix Theory, Calculus (all undergraduate level)

Courses Taught (graduate level): Modal logic, Model theory, Set theory, Universal algebra

Teaching Assistant (Ege University 1988–1997)
Introduction to Mathematical Logic
Logic Programming
Lattice Theory
Discrete Mathematics
Calculus (all undergraduate level)

Supervision

Zafer Özdemir, Ph. D., Tableaux Method in Contact Logics and Generalized Contact Logics, September 2016, Istanbul Kültür University (IKU)

Ayse Bölük, MSc, On Models of the Modal Logics S5EC and KD45-O, IKU, 2013

Ilayda Ates, MSc, On Models of the Modal Logics S4 and GL, IKU, 2012

Onur Kahraman, MSc, On Models of the modal Logics K and K4, IKU, 2009

Ezgi Iraz Su, MSc, Coalgebraic Logic Determined by Power Set Functor, IKU, 2008

Exam committees

I have been a member of the exam committee of two dozent canditates in March 2020.

I have been a member of the exam committee of two dozent canditates in March 2019.

I have been a member of the exam committee of two dozent canditates in December 2018.

I have been a member of the exam committee of three dozent canditates in December 2017.

I have been a member of the exam committee of three dozent canditates in April 2011.

Doctoral Committee Member

Maryam Rostamigiv (2020, Paul Sabatier University, Toulouse, France), Supervisor: P. Balbiani, About the Type of Modal Logics for the Unification Problem

Süleyman Ediz (2010, Yüzüncü Yil University), Supervisor: M. Şerif Aldemir, On Stratified Domination in Graph

H. Esra Özkan (2005–2009 IKU), Supervisor: Yaşar Polatoğlu, Log-Harmonic Univalent Functions

E. Yavuz Duman (2005–2009 IKU), Supervisor: Yaşar Polatoğlu, Harmonic Univalent Functions

Melike Aydogan (2006–2009 IKU), Supervisor: Yaşar Polatoğlu, Log-Harmonic Mappings Related to Starlike Function of Complex Order

Masters Committee Member

Alper Ülker (2010 Sinop University), Supervisor: Çetin Alacali, Topological Dynamic Logic

M. Fatih Uçar (2007 IKU), Supervisor: Hülya Şenkon, On Field Extensions

Serdar Sözübek (2006 Boğaziçi University), Supervisor: Ali Karatay, On Category Theory

Project Advisor

Project Advisor for last degree students at the Department of Mathematics and Computer Science, IKU, 2005–2007 (three students)

Project advisor for the course MATH 480 SEMINAR at Mathematics Department, Boğaziçi University (fourteen students), 2002–2003

Project Advisor for last degree students at Mathematics Department, Ege University in 1996–1997 and 1999–2000 (ten students each year)

List of Publications

- P. Balbiani, Ç. Gencer, M. Rostamigiv. About the unification type of fusions of modal logics. Journal of Applied Logics — IfCoLoG Journal of Logics and their Applications (to appear).

- P. Balbiani, Ç. Gencer, M. Rostamigiv. Simple epistemic planning problem: a unification approach. In: Workshop on Epistemic Planning (EpiP).

- P. Balbiani, Ç. Gencer, M. Rostamigiv, T. Tinchev. About the unification type of $\mathbf{K} + \Box\Box\bot$. In: 34th International Workshop on Unification (UNIF 2020).

- Balbiani, P., Gencer, Ç. About the unification type of modal logics between KB and KTB. Studia Logica, Vol. 108, pp. 941–966, 2020.

- Balbiani, P., Gencer, Ç., Mojtahedi, M., Rostamigiv, M., Tinchev, T. A gentle introduction to unification in modal logics. Journées d'Intelligence Artificielle Fondamentale 2019, Toulouse.

- Balbiani, P., Gencer, Ç. Contact Logic is Finitary for Unification with constants (it is accepted for publication: In the Springer book series "Logic in Asia") 2019.

- Balbiani, P., Gencer, Ç, Ozdemir, Z. Two Decision Problem in Contact Logics, Logic Journal of the Interest Group in Pure and Applied Logic (IGPL), Vol. 27, Issue 1, pp. 8-32, 2019.

- Balbiani, P., Gencer, Ç. KD is Nullary, Journal of Applied Non-Classical Logics (JANCL), Vol. 27, Issue 3-4, pp. 196-205, 2017.

- Balbiani, P., Gencer, Ç. Unifiability and Unification Types in Epistemic Logics, Journal of Applied Non-Classical Logics (JANCL), Vol. 27, Issue 1-2, pp. 91-105, 2017.

- Balbiani, P., Gencer, Ç. Admissibility and Unifiability in Contact Logics. Lecture Notes in Computer Science Series of Springer (LNCS), Vol. 8984, 44–60, 2015.

- Gencer, Ç., de Jongh, D. Unifiability in the Extensions of K4. Logic Journal of the Interest Group in Pure and Applied Logic (IGPL), Vol. 17, No: 2, 159–172, 2009

- Gencer, Ç., de Jongh, D. Unifiability in the Extensions of K4, Prepublications, www.illc.uva.nl, PP-2007–38

- Gencer, Ç. Description of Modal Logics Inheriting Admissible Rules for K4. Logic Journal of the Interest Group in Pure and Applied Logic (IGPL), Vol. 10, No: 4, 401–410, 2002

- Rybakov, V., Terziler, M., Gencer, Ç. Unification and Passive Inference Rules for Modal Logics. Journal of Applied Non-Classical Logics, Vol.10, No:3-4, 369–377, 2000.

- Rybakov, V., Terziler, M., Gencer, Ç. Self Admissible Quasi-Characterizing Inference Rules. Studia Logica, Vol. 65, 417–428, 2000.

- Rybakov, V., Terziler, M., Gencer, Ç. An Essay on Unification and Inference Rules for Modal Logics. Bulletin of the Section of Logic, Vol. 28/3, 145–157, 1999

- Rybakov, V., Gencer, Ç., Öner, T. Description of Modal Logics Inheriting Admissible Rules for S4. Logic Journal of the Interest Group in Pure and Applied Logic (IGPL), Vol. 7, No:5, p. 655–664, 1999

- Rybakov, V., Terziler, M., Gencer, Ç. Description of Self Admissible Quasi-Characteristic Inference Rules. Bulletin of the Section of Logic, Vol. 27/4, 164–171, 1998.

- Gencer, Ç., Terziler, M. On A Question of Phillips. Mathematical Logic Quarterly. Vol. 43, 73–87, 1997

- Gencer, Ç., Terziler, M. On the Additive Group Structure of Nonstandard Models of Z. Turkish Journal of Math, Vol. 20, No: 2, 179–183, 1996

Refereed Conference and Workshop Papers

Gencer, Ç. About the Unification Type of Topological Logics. Workshop on Women in Logic (WiL 2018), Oxford University-England.

Gencer, Ç. About the Unification Type of Topological Logics over Euclidian Spaces. 32th International Workshop on Unification (UNIF 2018), Oxford University-England.

Balbiani, P., Gencer, Ç. KD and KT are nullary. Abstract presented at the 8th International Conference on Logic Cognition Non-classical Logics and Their Applications (WOLC 2016).

Balbiani, P., Erdem, E., Gencer, Ç., Patoğlu, V. Silent announcements. Abstract presented at the 8th International Conference on Logic Cognition Non-classical Logics and Their Applications (WOLC 2016).

Balbiani, P., Gencer, Ç. Unifiability and unification types in Epistemic logics. Workshop on Logical aspects of Multi-Agent Systems (LAMAS 2015). Abstract presented

at LAMAS, extended version is accepted in the JANCL.

Balbiani, P., Gencer, Ç. Computability of unification and admissibility in contact logics. Abstract presented at the Conference UNILOG 2015, extended version in preparation.

Ates, I., Gencer, Ç. On Models of the Modal Logic GL. Turing Centenary Conference (CIE 2012), University of Cambridge, p.8, 2012

Gencer, Ç., de Jongh, D. Extensions of K4 by Closed Formulas. Logic Colloquium-Abstract of Contributed Talks, p. 19, 2010

Gencer, Ç., de Jongh, D. Unifiability in Extensions of K4.3 — Semantic Results. Proceedings of 7th Panhellenic Logic Symposium, 65–58, 2009

Gencer, Ç., de Jongh, D. Unifiability in Extensions of K4.3 — Syntactic Results. International Workshop on Foundations of Computer Science (co-located with ICTAC), 1–9, 2008

Gencer, Ç., Terziler, M. On some initial Segments of Peano Arithmetic. Proceedings of IV. National Symposium, 102–117, 1993

Gencer, Ç., Bakoğlu, H. Relation of Doubly Regular Tournaments with Quadratic Residue Tournaments and an Application of Tournaments. Prooceedings of III. National Mathematics Symposium, 128–139, 1990

Gencer, Ç., Academic Life of Hülya Şenkon (in Turkish), Proceedings of the Congress Science and Women in Turkey, 259–270, 2009

Citations

- Bezhanishvili, N., Ghilardi, S., Landi, L. Model completeness and $\Pi 2$-rules: the case of Contact Algebras. In: Advances in Modal Logic, Vol. 13. College Publications (2020) 115–132.

- Düntsch, I., Dzik, W. Ideal related algebras and their logics. Extended abstract. In: Dastani M., Dong H., van der Torre L. (eds), Logic and Argumentation (CLAR 2020). Lecture Notes in Computer Science, vol 12061. Springer, doi.org/10.1007/978-3-030-44638-3-6.

- Goudsmith, J. On a problem of Friedman and its solution by Rybakov. Bulletin of Symbolic Logic, DOI: 10.1017/bsl.2020.43.

- Bashmakov, S. Unification in pretabular extensions of S4. arXiv:2005.08506 [math.LO].

- Dzik, W., Wojtylak, P. Unification in first-order transitive modal logic. Logic Journal of the IGPL, Vol. 27, 693–717, 2019.

- Citkin, A. Deductive systems with multiple-conclusion rules and the disjunction property. Axioms, Vol. 8, doi.org/10.3390/axioms8030100, 2019.

- Kost, S. Projective unification in transitive modal logics. Logic Journal of the IGPL, Vol. 26, 548–566, 2018.

- Dzik, W., Wojtylak, P. Modal consequence relations extending: an application of projective unification. Notre Dame Journal of Formal Logic, Vol. 57, 523–549, 2016.

- Dzik, W., Wojtylak, P. Almost structurally complete infinitary consequence operations extending S4.3. Logic Journal of the IGPL, Vol. 23, 640–661, 2015.

- Dzik, W., Wróbel, B. Unifiability and structural completeness in relation algebras and in products of modal logic S5. Bulletin of the Section of Logic, Vol. 44, 640–661, 2015.

- Goudsmith, J. Admissibility and Refutation: Some charactarizations of intermediate logics, Archives for Mathematical Logic, Vol. 53, 779–808, 2014.

- Rimatskii, V., Kiyatkin, V. Independent bases for admissible rules of pre tabular modal logic and its extensions, Siberian Electronic Mathematical Reports, Vol. 10, 79–89, 2013

- Bezhanishvili, G., Lucero-Bryan, J. More on d-logics of subspaces of the rational numbers, Notre Dame Journal of Formal Logic, Vol. 53, 319–345, 2012.

- Dzik, W., Wostylak, P. Projective Unification in Modal Logic, Logic Journal of the Interest Group in Pure and Applied Logic (IGPL), doi: 10.1093/jigpal/jzr028, 2011

- Öner, T. , de Jongh, J. The Sructure of Rigid Frames Of Depth Three Only, TbiLLC'07 Proceedings, 16–22, 2009

- Jerabek, E. Independent bases of admissible rules, Logic Journal of the Interest Group in Pure and Applied Logic (IGPL), Vol. 16(3), 249267, 2008

- Olson, J., Raftery, J., van Alten, C. Structural Completeness in Substructural Logics, Logic Journal of the Interest Group in Pure and Applied Logic (IGPL), Vol. 16(5), 453–495, 2008

- de Jongh, D. Modal and Intuitionistic Logic and Use of Universal Model www.math.ist.utl.pt/ dil2008/index_files/ddjongh.pdf, 2007

- Rutskii, A., Fedorishin, B. An Inheritance Criterion for the Admissible Inference Rules of K4, Siberian Mathematical Journal, Vol. 43, No: 6, 2002

- Rutskiy, A. Decidability of Modal Logics w.r.t. Admissible Inference Rules, Bulletin of the the Section Logic, Vol. 30/4 (2001), pp.181–189

- Dalgin H., Haddad L., Terziler, M. Review of the Additive Group Structure of Nonstandard Models of Z, Mathematical Logic Quarterly, No:3, 403–412, 2000

- Rybakov V., Öner T. The Structure of Rigid Frames of Restricted Depth, Bulletin of the Section of Logic, Vol. 27, No: 4, 172–181, 1998.

Invited Talks and Tutorials

Gencer, Ç. 3rd Workshop On Space and Time dedicated to the 80th anniversary of Prof. Dimiter Vakeralov. Sofia University-Bulgaria.
Talk title: Unification Type of Topological Logics

29 December 2015 Mimar Sinan Guzel Sanatlar University, Istanbul
Talk title: Admissibility and Unifiability in Modal Logics

3–7 August 2015 European Summer School in Logic, Language and Information (ESSLLI' 2015), Universitat Pompeu Fabra, Barcelona-Spain
Lectures Title: Unification in non-classical logics: Hot Topics (in collaboration with Philippe Balbiani — 7h30)

12–16 August 2013 European Summer School in Logic, Language and Information (ESSLLI' 2013), Heinrich Heine University, Düsseldorf Germany
Lectures Title: Unification in Description Logics and Modal Logics (in collaboration with Philippe Balbiani — 7h30)

23–26 June 2011 Workshop on Space and Time, Sofia University, Bulgaria
Lecture title: Universal Models for Extensions of K4 by Closed Formulas and Finite Model Property (1h)

29 June 2011 Computability in Europe CIE-2011, Sofia University, Bulgaria
Lecture Title: Women in Mathematics in Turkey (50min)

09–14 August 2010 International Graduate Summer School: Modal Logics and Its Applications, IKU
Lectures Title: Admissible Rules and Unifiability in Modal Logics (3h)

14–18 December 2009, Izmir Winter School in Non-Classical Logic and its Applications, Yaşar University, Izmir
Lectures title: Modal Logics and Admissible Inference Rules (3h)

27–29 April 2009, Science and Women (Bilim and Kadin) Congress, Osmangazi University, Eskişehir
Lecture Title: Academic Life of Prof. Dr. Hülya Şenkon (1h30)

20–23 June 2006, International Modal Logic Workshop (IWML06), IKU
Lecture Title: Derivation Rules and Unification (1h30)

Conference and Workshop Talks

17-18 May 2018. Teaching Logic and Its Prospects, Tara Shevchenko National University, Kyiv-Ukraine.
Talk Title: About the Unification Type of Topological Logics over Euclidian Spaces.

5–9 December 2016, The 8th International Conference on Logic Cognition: Non-Classical Logics and Their Applications (WOLC 2016), Guangzhou-China
Talk title: KD and KT are nullary (in colloboration with P. Balbiani)

5–9 December 2016, The 8th International Conference on Logic Cognition: Non-Classical Logics and Their Applications (WOLC 2016), Guangzhou-China
Talk title: Silent announcements (in colloboration with P. Balbiani, E. Erdem and V. Patoğlu)

29th August 2016 International Intuitionistic Fuzzy Sets and Contemporaray Mathematics Conference (IFSCOM 2016), Mersin-Turkey
Talk title: A general tableaux method for contact logics interpreted over intervals (in colloboration with P. Balbiani and Z. Özdemir)

28–31 August 2016 29th National Mathematic Symposium, Mersin-Turkey
Talk title: Tableaux method for the modal logics including universal modality (in colloboration with P. Balbiani and Z. Özdemir)

12–14 May 2016 International Conference on Mathematics and Mathematics Education (ICMME-2016), Elazig-Turkey
Talk title: Tableau-based Decision Procedures for Contact Logics (in colloboration with P. Balbiani and Z. Özdemir)

25–30 June 2015, Unilog 2015, World Congress on Universal Logic, Istanbul-Turkey
Talk title: Computability of Unification and Admissibility in Contact Logics (in colloboration with P. Balbiani)

15–16 May 2015, 5th Workshop on Logic, Bursa-Turkey
Lecture title: Derivation Rules in Non-Classical Logics (in colloboration with I. Ates)

May 4, 2015, Workshop on Logical Aspects of Multi-Agent Systems (LAMAS 2015), Istanbul - Turkey
Lecture title: Unifiability and Unification Types in Epistemic Logics (in colloboration with P. Balbiani)

23–27 September 2013, Tenth International Tbilisi Symposium on Language, Logic and Computation (TbiLLC 2013), Georgia
Talk title: Admissibility and Unifiability in Contact Logics (in colloboration with P. Balbiani)

23–27 September 2013, Tenth International Tbilisi Symposium on Language, Logic and Computation (TbiLLC 2013), Georgia
Talk title: On Models of the Modal Logic KD45-O (in colloboration with A. Bölük, and I. Ates)

18–23 June 2012, Turing Centenary Conference — CIE2012, University of Cambridge, England
Talk title: On Models of the Modal Logic GL (in colloboration with I. Ates)

25–31 July 2010, Logic Colloquium (2010), Paris, France
Talk title: Extensions of K4 by Closed Formulas (in collaboration with Dick de Jongh)

15–19 July 2009, Seventh Panhellenic Logic Symposium, Patras, Greece
Talk title: Unifiability in Extensions of K4.3 — Semantic Results (in collaboration with Dick de Jongh)

30–31 August 2008, International Workshop on Foundations of Computer Science As Logic Related (ICTAC), Sabancı University, Istanbul
Talk title: Unifiability in Extensions of K4.3 — Syntactic Results (in collaboration with Dick de Jongh)

1–5 October 2007, Seventh International Tbilisi Symposium on Language, Logic and Computation (TbbiLLC 2007), Tbilisi-Georgia
Talk title: Unifiability in Extensions of K4 (in collaboration with Dick de Jongh)

12–16 September 2005, Sixth International Tbilisi Symposium on Language, Logic and Computation (TbiLLC 2005, Batumi-Georgia)
Talk title: Passive Inference rules for the Modal Logic K4

16–19 August 2005, The 9th Asian Logic Conference, Novosibirsk-Russia
Talk title: Bases for passive Inference rules in the modal logic K4

25–31 July 2004, Logic Colloquium, Torino-Italy
Talk title: Description of Modal Logics Inheriting Admisible Rules of K4

14–20 August 2003, Logic Colloquium, Helsinki-Finland
Talk title: Unification and Passive Inference Rules For The Modal Logic K4

Seminar Lectures

Admissible Inference Rules and Unifiability in Modal Logics (4hs), invited speaker, Sofia University, Bulgaria, 15–25/11/ 2009

Admissible Rules and Unifiability in Modal Logics, Sabancı University, 15/04/2009

Non-Classical Logics, IKU, 11/05/2005

Description of Modal Logics Inheriting Admissible Rules for S4, Boğaziçi University, 13/04/2001

Zero-One Laws, Boğaziçi University, 03/11/1999

Self-Admissible Quasi Characterizing Inference Rules, Boğaziçi University, 21/07/1999

Zero One Laws For Graphs With Edge Probabilities Decaying With Distance II, Hebrew University, Department of Mathematics, Israel, 10/06/1999

Zero One Laws For Graphs With Edge Probabilities Decaying With Distance I, Hebrew University, Department of Mathematics, Israel, 05/05/1999

On the Additive Group Structure of Nonstandard models of Z, Hebrew University, Department of Mathematics , Israel, 09/12/1998

Ultraproducts and Its Applications in Model Theory, Middle East Technical University, Ankara, 1996

Administration of Research and Education

I have been a member of **FEDEK** (Science, Literature, Faculty of Science and Letters, Faculty of Languages, History and Geography Curriculum Programs Assessment and Accreditation Association) during the period of evaluating and accrediting for Hacettepe University — Mathematics Department, 29 Dec. 2020 – 11 Jan. 2021.

I have been a member of **FEDEK** (Science, Literature, Faculty of Science and Letters, Faculty of Languages, History and Geography Curriculum Programs Assessment and Accreditation Association) during the period of evaluating and accrediting for Balikesir University — Mathematics Department, 11-14 March 2018.

I have been a member of **FEDEK** (Science, Literature, Faculty of Science and Letters, Faculty of Languages, History and Geography Curriculum Programs Assessment and Accreditation Association) during the period of evaluating and accrediting for Istanbul University — Mathematics Department, 9-12 December 2017.

I am a researcher in the International Project "Space, Time and Modality: Relational, Algebraic and Topological Models". Project of the Minister of Education of Bulgaria, Faculty of Mathematics and Informatics, Sofia University (Duration of the project extended until 2020).

I have been a member of **FEDEK** (Science, Literature, Faculty of Science and Letters, Faculty of Languages, History and Geography Curriculum Programs Assessment and Accreditation Association) during the period of evaluating and accrediting for Ankara University — Mathematics Department, 26–29 March 2016.

Boğaziçi University **BAP Project**, Project No: 01B602, 0-1 Law, 2001–2004 (principal investigator)

I have been a member of **FEDEK** (Science, Literature, Faculty of Science and Letters, Faculty of Languages, History and Geography Curriculum Programs Assessment and Accreditation Association) during the period of evaluating and accrediting for Hacettepe University — Mathematics Department, 11–14 April 2015.

I have visited Toulouse University using **ERASMUS** Teaching Mobility in 14–29 June 2014 (10hs)

ERASMUS Agreements: I have organised ERASMUS agreement with the following universities (undergraduate and graduate level):

Toulouse University — Institute de Recherche en Informatique de Toulouse (IRIT), 2013

Amsterdam University — Institute for Logic, Language and Computation (ILLC), 2011

Sofia University — Department of Mathematical Logic and Computer Science, 2010

Program Committees: I have been a member of the program committees of several international workshops, conferences and summer school:

32th International Workshop on Unification (UNIF 2018), Oxford University-England.

International Graduate Summer School, Modal Logics and Its Applications, 09–14 August 2010, IKU

2nd International Modal Logic Workshop (IWML08), Logic of Knowledge, 10 January, 2008, IKU

1st International Modal Logic Workshop (IWML06), Derivation Rules and Unification, 20–23 June 2006, IKU

Seventh International Tbilisi Symposium on Language, Logic and Computation , 1–5 October 2007

Organisation: I have organised national and international mathematical logic and modal logic seminars/seminar serials at IKU (2005–2011) and Boğaziçi Universities (2001–2004)

I have organised a workshop on the Memory of Prof. Dr. Hülya Şenkon, 6th March 2009

Faculty Services

Coordinator of Revising Undergraduate and Gradute Programs at Mathematics and Computer Science Department, IKU; 2005–2008

Coordinator of Calculus Courses at Engineering Faculty, IKU, 2005–2010

Faculty Council and Faculty Executive Committee (Associate Professor Representative) Member at Engineering Faculty, IKU, 2005–2007

Advisor of the undergraduate students at Mathematics Department , Boğaziçi University (2001–2004)

Boğaziçi University Financial Aid Student Interwiew Commission Member (2001–2004)

Membership

European Women in Mathematics (EWM), 2012-

Research Training Network in Model Theory (MODNET), 2006-

Turkish Mathematical Society (TMD), 1989-