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## GÜROL IRZİK

Date of Birth: 3 June 1955

Citizenship: Turkey

- education** PhD, History and Philosophy of Science, Indiana University Bloomington, 1980-1986.  
MA, Mathematics, Boğaziçi University, 1977-1979.  
BS, Electrical Engineering, Boğaziçi University, 1973-1977.  
High School Diploma, Robert Academy, 1969-1973.
- areas of specialization** Philosophy of Science, Philosophy of Social Sciences, Theories of Causation, Science Education
- current position** Sabancı University, Faculty of Arts and Social Sciences, Professor of Philosophy, (2009-cont.)
- academic positions** Vassar College, Visiting Scholar in Political Science (2016-2017)  
Duke University, Visiting Professor in Philosophy (Spring 2007)  
Sabancı University, Adjunct Professor in the Faculty of Arts and Social Sciences (Spring 2002-Spring 2006; Fall 2007-Spring 2009)  
Istanbul Technical University, Adjunct Professor in Science, Technology, and Society Studies Graduate Program, (Fall 2001)  
Auckland University, NZ, Visiting Professor in Philosophy (Summer 2001)  
3rd Summer School in Theory of Knowledge, Polish Academy of Sciences, Warsaw, (7-15 August 2000)  
Boğaziçi University, Professor in Philosophy (1998-2009)  
Boğaziçi University, Associate Professor in Philosophy (1992-1998)  
Boğaziçi University, Assistant Professor in Philosophy (1987-1992)  
Southern Indiana University, Assistant Professor in Science and Mathematics (1985-1987)  
Indiana University, Associate Instructor in History and Philosophy of Science (1985)  
Indiana University, Associate Instructor in Mathematics (1980-1984)  
Istanbul Technical University, Associate Instructor in Analytical Mechanics (1979-1980)

- honors, awards, and fellowships** Member of the Science Academy, Turkey (elected in 2012)  
 Member of European Cultural Parliament (elected in 2007)  
 Member of the Turkish Academy of Sciences (elected in 2004; resigned in 2011)  
 Boğaziçi University Foundation, Excellence in Research Award, 2000  
 Social Sciences and History Fellowship, American Research Institute in Turkey, 2000  
 Visiting Fellow, Pittsburgh University, Center for Philosophy of Science, 1995-1996
- academic and administrative duties** European Science Foundation College of Expert Reviewers (2016-2019)  
 Member of the European Science Foundation Pool of Reviewers (2009-2011)  
 Member of the Standing Committee for Humanities, European Science Foundation (2005-2008)  
 Member of the Steering Committee, International Federation of Philosophical Societies (2003-2008)  
 Chairperson of Philosophy Department, Boğaziçi University (1997-2005)  
 Member of the University Senate, Boğaziçi University (1999-2002)
- editorial board memberships** Eurasia Journal of Mathematics, Science and Technology Education (2005-cont.)  
 European Journal for Philosophy of Science (2010-cont.)  
 Felsefe Tartışmaları (2001-cont.)  
 HOPOS: The Journal of the International Society for the History of Philosophy of Science (2010-cont.)  
 Philosophy of Science (2000-2009)  
 Research in Science Education (2007-cont.)  
 Science and Education (2000-cont.)  
 Springer, Science and Technology Library (book series; 2003-2007)

## PUBLICATIONS IN ENGLISH

(sole authorship unless indicated otherwise)

- books** R. Nola and G. Irzık, *Science, Philosophy, Education and Culture*, Springer, 2005.
- edited books and volumes** Martin Carrier and G. Irzık, Guest editor of the special issue on Responsible Research and Innovation, *Synthese* (in progress).  
 Guest editor of the thematic issue on Commercialization and Commodification of Science: Educational Responses. *Science and Education* vol. 22, no. 10, 2013.  
 G. Irzık and E. Sober, Guest editor of the special issue on Hans Reichenbach, Istanbul, and 'Experience and Prediction'. *Synthese* vol. 181, no. 1, 2011.

refereed  
articles

- S. Voss, B. Kılınç and G. Irzık (eds.), Logic and Philosophy of the Sciences, The Proc. of the 21st World Congress of Philosophy, vol. 5, Philosophical Society of Turkey, 2007.
- D. T. Ceylan and G. Irzık (eds.), How are We Educated?, History Foundation of Turkey Publications, 2005.
- G. Irzık and G. Güzeldere (eds.), Turkish Studies in the History and Philosophy of Science, Springer, 2005.
- D. T. Ceylan and G. Irzık(eds.), Human Rights Issues in Textbooks: The Turkish Case, History Foundation of Turkey Publications, 2004.
- G. Irzık and F. Kurtulmuş. “Well-Ordered Science and Public Trust in Science” Forthcoming in *Synthese*. (AHCI, SSCI, SCI)
- G. Irzık and F. Kurtulmuş, “What is Epistemic Public Trust in Science?” Forthcoming in *The British Journal for the Philosophy of Science*. (SCI, SSCI, AHCI)
- F. Kurtulmuş and G. Irzık, “Justice in the Distribution of Knowledge”, *Episteme*, 14: 129-146, 2017. (AHCI)
- G. Irzık and F. Kurtulmuş, “Votes and lab coats: democratizing scientific research and science policy”, *Metascience* 22: 45-61, 2013. (SCOPUS)
- ”Introduction: Commercialization of Academic Science and a New Agenda for Science Education”, *Science & Education*, 22: 2375–2384, 2013. (SCIE, SSCI, AHCI)
- A. Eden, and G. Irzık, “German mathematicians in exile in Turkey: Richard von Mises, William Prager, Hilda Geiringer, and their impact on Turkish mathematics”. *Historia Mathematica* 39: 432–459, 2012. (SCIE, SSCI, AHCI)
- G. Irzık and Robert Nola, “A Family Resemblance Approach to the Nature of Science for Science Education”, *Science & Education*, 20: 591-607, 2011. (SCIE, SSCI, AHCI)
- “Hans Reichenbach in Istanbul”, *Synthese*, 181: 157-180, 2011. (SCI, SSCI)
- G. Irzık and E. Sober, “Introduction to the special issue on “Hans Reichenbach, Istanbul, and Experience and Prediction”, *Synthese*, 181: 1-2, 2011. (SCI, SSCI)
- G. Irzık and Robert Nola, “Worldviews and Their Relation to Science”, *Science & Education*, 18: 729–745, 2009. (SCIE, SSCI, AHCI)
- Reprinted in *Science, Worldviews and Education* (ed. M. Matthews), Springer, pp. 81-97, 2009.
- R. Nola and G. Irzık, “Incredulity Toward Lyotard: A Critique of Postmodern Conception of Science and Knowledge”, *Studies in History and Philosophy of Science*, 4: 391-421, 2003. (SCI, SSCI)
- G. Irzık and S. Irzık, “Which Multiculturalism?”, *Science and Education* 11: 393-403, 2002.
- “Universalism, Multiculturalism, and Science Education”, *Science Education*, 85: 71-74, 2001. (SSCI)

- “Il Nuovo Kuhn: la Formulazione tassonomica”, *Iride*, 13: 636-645, 2000.
- “A Re-evaluation of Logical Empiricism”, *Revista Patagonica de Filosofia*, 1: 49-68, 1999.
- A. Buğra and G. Irzik, “Human Needs, Consumption, and Social Policy”, *Economics and Philosophy*, 15: 187-208, 1998. (SSCI)
- G. Irzik and T. Grünberg, “Whorfian Variations on Kantian Themes: Kuhn’s Linguistic Turn”, *Studies in History and Philosophy of Science*, 29: 207-221, 1998. (SCI, SSCI)
- “Can Causes be Reduced to Correlations?”, *The British Journal for the Philosophy of Science*, 47: 249-270, 1996. (SCI, SSCI, AHCI)
- G. Irzik and T. Grünberg, “Carnap and Kuhn: Arch Enemies or Close Allies?”, *The British Journal for the Philosophy of Science*, 46: 285-307, 1995. (SCI, SSCI, AHCI)
- Translated into Portuguese in *Cognitio-Estudios*, 9: 269-289, 2012.
- Reprinted in Kuhn Thematic Issue (online), *British Journal for the Philosophy of Science*, 2012.
- “Armstrong’s Account of Probabilistic Laws”, *Analysis*, 51: 214-217, 1991. (AHCI)
- G. Irzik and E. Meyer, “Causal Modeling: New Directions for Statistical Explanation”, *Philosophy of Science*, 54: 495-514, 1987. (SSCI, AHCI)
- “Popper’s Piecemeal Engineering: What is Good for Science is not always Good for Society”, *The British Journal for the Philosophy of Science*, 26: 1-10, 1985. (SCI, SSCI, AHCI)
- Reprinted in Karl Popper: Critical Assessments of Leading Philosophers (ed). A. O’Hear, vol. IV, Routledge, 2004.
- book chapters and conference proceedings** “Kuhn, Carnap, and Logical Empiricism”, forthcoming in *The Handbook of Logical Empiricism*, (Ed.) T. Uebel. Routledge, 2018.
- “The Internal-External Distinction Sheds Light on the History of the Twentieth-Century Philosophy of Science”, in *Relocating the History of Science*, (Eds.) T. Arabatzis, J. Renn, and A. Simoes. Boston Studies in the Philosophy and History of Science, Springer 2015, pp. 211-224.
- G. Irzik and R. Nola, “New Directions for Nature of Science Research”, in *International Handbook of Research in History, Philosophy and Science Teaching*, (Ed.) M. Matthews. Springer, 2014, pp. 999-1022.
- “Kuhn and Logical Positivism: Gaps, Silences, and Tactics of SSR”, in *Kuhn’s The Structure of Scientific Revolutions Revisited* (Eds.) V. Kindi and T. Arabatzis. London: Routledge, 2012, pp. 15-40.
- “Why Should Philosophers of Science Pay Attention to the Commercialization of Academic Science?”, in *EPSA Epistemology and Methodology of Science Vol 1* (Eds. M. Dorato, M. Radei, and M. Suarez), Springer, 2010, pp. 129-138.

- “Methodology in the Basic and Social Sciences as an Ethical Question”, in *Proceedings of the ALLEA Standing Committee on Science and Ethics Workshop on Current Issues*, All European Academies (ALLEA) Publications, 2009, pp. 53-62.
- “World’ in Worldviews, the Universal and the Local”, in 2007 *World Philosophy Day* (Ed. I. Kuçuradi), Philosophical Society of Turkey, 2009, pp. 196-201.
- “Kuhn, Thomas Samuel”, in *Complete Dictionary of Scientific Biography* (Ed. N. Koertge), Vol. 22. Detroit: Charles Scribner’s Sons, 2008, pp. 170-177.
- ”Critical Rationalism”, in *The Routledge Companion to Philosophy of Science*, 2nd ed. (Eds.) S. Psillos and M. Curd. London: Routledge, 2013, pp. 70-78. (This chapter substantially revises the original version that appeared in the first edition in 2008.)
- “Critical Rationalism”, in *The Routledge Companion to Philosophy of Science* (Eds.) S. Psillos and M. Curd, Routledge, 2008, pp. 58-66.
- “Science and its Discontents”, in *Philosophy Facing World Problems*, The Proc. of the 21st World Congress of Philosophy, vol. 13, (Ed.) I. Kucuradi, Philosophical Society of Turkey, 2007.
- “Commercialization of Science in a Neoliberal World”, in *Reading Polanyi for the 21st Century: Market Economy as a Political Project* (Eds.) A. Buğra and Kaan Ağartan, Palgrave, 2007, pp. 135-153.  
Translated into Turkish in 21. *Yüzyılda Karl Polanyi’yi Okumak*, (eds.) A. Buğra and K. Ağartan, İletişim Yayınları, 2009, pp. 187-210.
- “Human Rights Issues in Sociology, Psychology and Philosophy Textbooks”, in *Human Rights Issues in Textbooks: The Turkish Case*, (Eds.) D. T. Ceylan and G. Irzık, Tarih Vakfı Yayınları, 2004, s. 149-170.
- “Changing Conceptions of Rationality from Logical Positivism to Post-Positivism”, in *Logical Empiricism* (Eds.) P. Parrini, W. Salmon, and M. Salmon, University of Pittsburgh Press, 2003, pp. 325-346.
- “Improving ‘Styles of Experimentation’: A Comment on Ursula Klein”, in *Observation and Experiment in the Natural and Social Sciences*, (Ed.) M. C. Galavotti. Kluwer Academic Publishers, 2003, pp. 203-207.
- “Carnap and Kuhn: A Belated Encounter”, in *The Scope of Logic, Methodology and Philosophy of Science* vol. II, (Eds.) P. Gardenfors, J. Wolenski and K. Kijina-Placek. Kluwer Academic Publishers, 2002, pp. 603-620.
- “Three Dogmas of Humean Causation”, in *Stochastic Dependence and Causality*, (Eds.) M.C. Galavotti, P. Suppes and D. Costantini. CSLI Publications (Stanford University) , 2001, pp. 85-102.
- “Philosophy of Science and Radical Intellectual Islam in Turkey”, in *Cross-Cultural Perspectives on Science Education*, (Ed.) William Cobern. Kluwer Academic Press, Dordrecht, 1998, pp. 163-180.  
Translated into Russian in *Problems of Philosophy*, no. 2, 1999: 68-83.

- “Teaching Philosophy of Science in an Islamic Cultural Context”, in *Proceedings of the Third International History, Philosophy, and Science Teaching Conference*, (Eds.) F. Finley, D. Allchin, D. Rhees, and S. Fifield. University of Minnesota Pub., vol. 1, 1995, pp. 552-556.
- “Popper’s Epistemology and World Three”, in *The Concept of Knowledge*. (Eds.) I. Kucuradi and R. S. Cohen. Kluwer Academic Press, 1995, pp. 83-95.
- “Cartwright, Capacities, and Probabilities”, in *PSA 1992*, Vol. 1. (Eds.) M. Forbes, D. Hull, and K. Okruhlik. MI: East Lansing, Philosophy of Science Association, pp. 239-250.
- “Singular Causation and Law”, in *PSA 1990*, Vol. 1. (Eds.) A. Fine, M. Forbes, and L. Wessels. MI: East Lansing, Philosophy of Science Association, pp. 537-544.
- “Causal Modeling and the Statistical Analysis of Causation”, in *PSA 1986*, Vol. 1. (Eds.) A. Fine and P. Machamer. MI: East Lansing, Philosophy of Science Association, pp. 12-23.

- book reviews** “A Review of The Road Since Structure”, *Philosophy of Science*, vol. 68, 2001: 573-575.
- “Back to Basics: A Philosophical Critique of Constructivism”, *Science and Education*, vol. 9, 2000, s. 621-639.
- Reprinted in *Studies in Philosophy and Education* vol. 20, 2001: 157-175.
- “A Review of Probabilistic Metaphysics”, *Teaching Philosophy*, vol. 9, 1986: 178-80.

- encyclopedia article** “Values and Western Science Knowledge”, *Encyclopedia of Science Education* (ed.) R. Gunstone, 2015, pp 1093-1096.

## PUBLICATIONS IN TURKISH

(sole authorship unless indicated otherwise)

- edited books** A. Erzan, G. Irzık, E. Kansu, Ş. Ruacan, A. Tekcan, A. Tolun and Y. Yılmaz, *Bilim Etiği El Kitabı* (Handbook of Science Ethics) Turkish Academy of Sciences Publications, 2008.
- G. Irzık and I. Inan (eds.) *Arda Denkeli’nin Ardından* (Arda Denkeli: In Memoriam), Boğaziçi University Publications, 2005.
- I. Tekeli, S. Ç. Özoğlu, B. Akşit, G. Irzık, and A. Inan (eds.), *Bilgi Toplumuna Geçiş* (The Transition to Knowledge Society) Turkish Academy of Sciences Publications, 2002.
- articles and book chapters** “Toplumsal Sorunlara Duyarlı bir Bilim Felsefesine Doğru” (Towards a Socially Engaged Philosophy of Science). In *Ioanna Kuçuradi: Çağın Olayları Arasında* (Eds.) B. Çotuksöken, G. Uygur, H. Şimge Tarihiçi Kitapevi, 2014, pp .307-316.

- “Karl Raimund Popper”. (Popper’s Political Philosophy). In *Siyaset Felsefesi Tarihi: Platon’dan Zizek’e*, (Eds.) A. Tuncel, K. Gülenç. DoğuBatı Yayınları, 2013, s. 624-637.
- “Carnap’ın içsel ve dışsal sorular ayrımının kapsamı” (The Scope of Carnap’s Internal-External Distinction). In *Tutarsızlığın İz Sürücüsü*, (Ed.) Z. Kutlusoy, İmge Kitabevi Yayınları, March 2013, pp. 253-270.
- “Bilimsel Dürüstlük ve Yazarlığa Tarihsel Bir Bakış” (Scientific Integrity and a Historical Look at Scientific Authorship). In *İstanbul Üniversitesi Bilim Etiği Günü* (Ed.) H. Yazıcı. İstanbul Üniversitesi Yayınları, 2012, pp. 55-66.
- A. Eden ve G. Irzık, “1933 Üniversite Reformu Sonrası Sınırlı Bir Matematik Soy-ağacı Çalışması” (A Limited Genealogical Tree of Mathematics after the 1933 University Reform), *Matematik Dünyası* 93/4: 57-62, 2012.
- “20. Yüzyıl Bilim Felsefesi Tarihini Yeniden Yazmak” (Re-writing the History of the Philosophy of Science in the 20th Century). In *Anlam Kavramı Üzerine Yeni Denemeler* (Ed.) Sibel Kibar, Selma Aydın Bayram ve Ayhan Sol, Legal Yayıncılık, 2010, pp. 33-46.
- “Felsefe Grubu Ders Kitaplarında İnsan Hakları” (Human Rights Issues in Philosophy, Sociology and Psychology Textbooks). In *Ders Kitaplarında İnsan Hakları II: Tarama Sonuçları* (Ed.) Gürel Tüzün, Tarih Vakfı Yayınları, 2009, pp. 291-312.
- “Eğitim Sistemimizin Zihniyet Sorunu” (The Problematic Mentality of our Educational System). In *Cumhuriyet, Eğitim Reformu ve Dewey*, (Eds.) John Anton ve Pınar Canevi, Forum İstanbul Enstitüsü Yayınları, 2007. pp. 54-59.
- “İnsan İhtiyaçları ve Sosyal Politika” (Human Needs and Social Policy). In *Adalet Söyleşileri*, (ed.) Kevser Güler ve Gamze Hızlı, Anadolu Kültür Yayıncılık, 2007, pp. 23-36.
- “Yöntemsel Bireycilik-Bütünselcilik Tartışmasına Bir Katkı” (A Contribution to the Debate on Methodological Individualism and Holism). In *Felsefe ve Sosyal Bilimler* (Ed.) Kubilay Hoşgör, Vadi Yayınları, pp. 81-88, 2006.
- “Metafiziğin Direnci” (The Resistance of Metaphysics), *Virgöl*, vol. 79, 2005: 8-13.
- “Türkiye’de Felsefe ve Bilim Tarihi Yapmak Üstüne Düşünceler” (Thoughts on Practising Philosophy, Philosophy and History of Science in Turkey), *Toplum ve Bilim*, vol. 99, 2004: 65-74.
- “Lise Sosyoloji, Psikoloji ve Felsefe Ders Kitaplarında İnsan Hakları” (Human Right Issues in High School Sociology, Psychology and Philosophy Textbooks). In *Ders Kitaplarında İnsan Hakları: Tarama Sonuçları* (Eds.) B. Çotuksöken, A. Erzan and O. Silier, Türkiye Ekonomik ve Toplumsal Tarih Vakfı Yayınları, 2003, pp. 264-282.
- “Bilgi Toplumu mu Enformasyon Toplumu mu? Analitik-Eleştirel Bir Yaklaşım” (Knowledge or Information Society? An Analytical and Critical Approach). In *Bilgi Toplumuna Geçiş* (Eds.) İ. Tekeli et. al. TÜBA Yayınları, 2002, pp. 53-62.

- “Yanlışlamacı Bilim Felsefesi: Genel Bir Değerlendirme” (Falsificationism: A General Assessment), *Felsefe Tartışmaları*, 28. Kitap, 2001: 19-35.
- “Ahlaki Tartışmak ve Yaşamak” (To Lead an Ethical Life), *Görüş*, Ocak-Şubat 2001: 18-20.
- “Felsefeci Gözüyle İnsan İhtiyaçları ve Ekonomik Yaşam” (A Philosophical Perspective on Human Needs and Economy). In *Toplam Ahlak* (Ed.) Yahya Tezel. Friedrich Nauman Vakfı Yayınları, Ankara, 1999.
- “Felsefeci Gözüyle Bilim-Teknoloji-Toplum Üçgeninde Türkiye” (Science, Technology and Society: A Philosophical Perspective). In *Uluslararası Bilim, Teknoloji ve Toplum Sempozyumu*. (Eds.) H. Ansal and D. Çalışır. Istanbul Technical University Yayınları, 1999, pp. 175-179.
- “Bilimde Yalana Yer Var mı?” (Does Science Lie?), *Cogito* 16. 1998: 198-206.
- G. Irzık and A. Buğra, “İnsan Doğası, İnsan İhtiyaçları ve İktisat” (Human Nature, Needs and the Science of Economics). In *Sosyal Bilimleri Yeniden Düşünmek*, (Eds.) T. Bora, S. Sökmen, and K. Şahin. Metis Yayınları, 1998, pp. 34-41.
- “Felsefede Temellendirme İrrasyonelliği Gerektiriyor mu?” (Does Philosophical Grounding Require Irrationality?), *Felsefe Tartışmaları*, 23. Kitap, 1998: 52-54.
- “Geometrik Aksiyomlar ve Frege-Hilbert Tartışması” (Geometric Axioms and the Frege-Hilbert Debate). In *Bilim Felsefesi Seminerleri*, (Ed.) B. Dinçtürk. TÜBİTAK Marmara Araştırma Merkezi, 1997, pp. 53-65.
- “Bilim Felsefesi Nereye Gidiyor?” (Philosophy of Science-Quo Vadis?). In *Bilim Felsefesi Seminerleri*, (Ed.) B. Dinçtürk. TÜBİTAK Marmara Araştırma Merkezi, 1997, pp. 4-15.
- “Wittgenstein ve Carnap: Tractatus’un Mantıkçı Pozitivizme Etkisi” (Wittgenstein and Carnap: The Influence of Tractatus on Logical Positivism), *Felsefe Tartışmaları*, 11. Kitap, 1992: 59-81.
- “Karl Popper’in Üç Dünya Kuramı ve Bilimsel Bilginin Nesnelliği” (Karl Popper’s Theory of Three Worlds and the Objectivity of Knowledge), *Felsefe Tartışmaları*, 9. Kitap, 1990: 84-94.
- “İki Kuhn” (Two Kuhns), *Felsefe Tartışmaları*, 8. Kitap, 1990: 64-71.
- “Nedensellik Kuramları-2” (Theories of Causation-2), *Felsefe Tartışmaları*, 6. Kitap, 1988: 64-81.
- “Nedensellik Kuramları-1” (Theories of Causation-1), *Felsefe Tartışmaları*, 5. Kitap, 1988: 84-96.

selected  
plenary and  
keynote talks

“Epistemic Trust in Science and its Implications for Science Education” 14th International History, Philosophy, and Science Teaching Conference, Hacettepe University 4-7 July 2017.



- “The Family Resemblance Approach to Nature of Science: A Response to its Critics”, Limerick Symposium on Nature of Science in Science Education: Recent Debates and Future Directions, Limerick University, Limerick, 26-28 October 2016.
- “Kuhn and Logical Positivism”, Greek Philosophy of Science Association Conference Athens, 29 November – 1 December 2012.
- “Nature of Science: A Family Resemblance Approach”, 11th International History, Philosophy and Science Teaching & 6th Greek History, Philosophy and Science Teaching Joint Conference, The University of Aristotle, Thessaloniki, 1-5 July 2011.
- “A Family Resemblance Approach to the Nature of Science for Science Education”, European Science Education Research Education 2009 Conference, Istanbul, 31 August-4 September 2009.
- “Science and its Discontents”, 21st World Philosophy Conference, Istanbul, 10-17 August 2003.

**selected  
invited talks**

- “What is Epistemic Public Trust in Science?”, Philosophy Department, Vassar College, 26 April 2017.
- “Well-Ordered Science, Reliability of Research, and Public Trust in Science”, Workshop on Responsible Research and Innovation, ZIF-Center for Interdisciplinary Research, Bielefeld University, 30 March-1 April 2017.
- “Towards a Theory of Justice in the Distribution of Knowledge”, Vassar College, 27 September 2016.
- “The Internal-External Distinction Sheds Light on the History of the Twentieth-Century Philosophy of Science”, Relocating the History of Science: Conference in Honor of Kostas Gavroglu, University of Athens and Max Planck Institute-Berlin, Athens, 15 May 2015.
- “Freedom and the Autonomy of Science”, Pre-world-congress Meeting of Young Researchers in Probability and Statistics 2012, Koc University, 6-8 July 2012.
- “The New Regime of Intellectual Property and its Impact on the University Research and the Ethos of Science”, The European Federation of Catalysis Societies (EF-CATS) 6th Summer School, İzmir, 13-19 September 2010.
- “The Ideal of a Democratic Governance of Science vs. the Commercialization of Academic Science”, Science and Values: Politicization of Science, ESF-Bielefeld University-ZIF, 25-30 May 2009.
- “Methodology in the Basic and Social Sciences as an Ethical Question”, ALLEA Standing Committee on Ethics and Science Workshop on Current Issues in the Ethics of Science, 24 May 2008.
- “Comments on Thomas Pogge’s ‘Intellectual Property Rights and Access to Essential Medicines’, Bilkent University, Ankara, 1 March 2008.

- “Turkish Textbooks in the Primary and Secondary Education and Human Rights”, Turkey Today: A Roundtable Discussion, Duke University, Durham, 16 February 2007.
- “Carnap, Popper and Kuhn on the Rationality of Science: A Revisionist Account”, Duke University, Durham, 9 February 2007.
- “The Place of Economy within Society: Aristotle’s Lesson”, University of Helsinki, Helsinki, 19 May 2005.
- “Experience and Knowledge”, 3rd Athens-Pittsburgh Symposium, Crete University, Crete, Athens, 26-30 October 2000.
- “Changing Conceptions of Rationality from Logical Positivism to Post-Positivism”, Florence Center for the History and Philosophy of Science, Florence, Italy, 2-4 November 1999.
- “Three Dogmas of Humean Causality”, Universita Degli Studi Di Bologna, Bologna, Italy, 20-22 September 1999.
- Special Symposium: “One Hundred Years of Philosophy of Science”, 11th International Congress of Logic, Methodology and Philosophy of Science, Krakow, Poland, 20-26 August 1999.
- “Was There a Post-Positivist Revolution in Philosophy of Science?”, Chicago University, Chicago USA, 3 May 1996.
- “Philosophy of Science and Islam in Turkey”, Pittsburgh University, Pittsburgh USA, 26 April 1996.
- “Causes, Capacities, and the Problem of Reduction”, California University at Davis, 15 March 1996.
- “Philosophy of Science and Islamic Fundamentalism in Turkey”, Minnesota University, Minneapolis USA, 3 November 1995.
- “Carnap and Kuhn: Arch Enemies or Close Allies?”, Pittsburgh University, Pittsburgh USA, 3 October 1995.
- “Three Dogmas of Humean Causation”, Stanford University, Stanford USA, 23 October 1990.
- “Causal Modeling”, Indiana University, Bloomington USA, 22 April 1985.