

CURRICULUM VITAE

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Current position

Associate Professor

Department of Logic and Philosophy of Science University of the Basque Country, UPV/EHU

Qualifications

Last updated 03/04/2017

Habilitationschrift Philosophy, Logic and Philosophy of Science (University of Munich, 1995) PhD

Mathematics (University of Dortmund, 1978)

BSc Mathematics (University of Freiburg, 1973)

Research Projects

- ▶ *Representación y anticipación: modelización interventiva RRI en las ciencias y técnicas emergentes*. Financiación: MINECO, 01.01.2016-31.12.18. Investigator.
- ▶ *Research Network Programme: The Philosophy of Science in a European Perspective*. European Science Foundation (ESF), 15.000.000 euros. Principal Investigator: Maria Carla Galavotti, (University of Bologna, Italy). Start date 1/05/2008 - End date 30/04/2013.
- ▶ *Representación y Constitución. Dinámica de los actos representacionales de la ciencia*. Spanish Ministry of Science and Innovation (MICINN), project FFI2009-12882, 28.000 euros. Principal Investigator: Andoni Ibarra. Start date 1/01/2010 - End date 31/12/2012.
- ▶ *Representaciones interventivas y nuevas formas de producción de conocimiento de la ciencia. Validación, trasdisciplinariedad y uso social*. Spanish Ministry of Science and Education, project HUM2006-13763/FISO, 24.200 euros. Principal Investigator: Andoni Ibarra. Start date: 1/10/2006 - End date: 30/09/2009.
- ▶ *Programmatic aims and political commitment. Trans-disciplinary investigations on the relation between science and politics using the example of the Vienna Circle*. Institute Vienna Circle, Austrian Ministry of Science. Principal Investigators: Jens Badura (París), Günther Sandner (Viena). Start date: 1/06/2008 - End date: 31/12/2008.
- ▶ *Modalización de las representaciones científicas*. Spanish Ministry of Science and Technology (MCyT), project BFF2003-05764, 13.340 euros. Principal Investigator: Andoni Ibarra. Start date: 10/12/2003 - End date: 9/12/2005.
- ▶ *Research Network Programme: Observation and Experiment in the Natural and Social Sciences*. European Science Foundation (ESF), 10.000.000 euros. Principal Investigator: Maria Carla Galavotti, (University of Bologna, Italy). Start date 2002 - End date 2006.
- ▶ *Theory and Applications of Relational Structures as Knowledge Instruments (TARSKI)*, Cost 274. European Union, 10.000.000 euros. Principal Investigator: Prof. Dr. G. Schmidt. Start date 2001 - End date 2004.
- ▶ *Estructura y dinámica de las representaciones científicas*. Spanish Ministry of Science and Education (MEC- CICYT), project PB98-0495-C08-08, 1.500.000 ptas. Principal Investigator: Andoni Ibarra. Start date 30/12/1999- End date 30/12/2002.

Positions Held

- Since 04/2000. Associate Professor. Department of Logic and Philosophy of Science, University of the Basque Country, UPV/EHU. Donostia-San Sebastián, Spain.
- March 2001. Visiting Professor. University of New England at Armidale, New South Wales, Australia. - 01/2000 - 03/2000. Visiting Professor University of Viena, Austria.
- 1995— 2000. Tenured Associate Professor. University of Munich, Germany.
- 1993 - 2000. Assistant Professor. University of Munich, Germany.
- 1988 - 1993. Assistant Professor. Free University of Berlin, Germany. - 1984 - 1988. Assistant Professor. University of Bielefeld, Germany.

- 1983. IT Trainee, Siemens, Paderborn, Germany.
- 1979 - 1982. Researcher. University of Bielefeld, Germany.
- 1978 - 1979. Researcher. University of Bonn, Germany.
- 1974 - 1975. Researcher. University of Dortmund, Germany. Editor *Theoria*.

Service to the Profession

- ▶
- Editor Referee:
 Philosophy of Science; Synthese; Erkenntnis; Australasian Journal of Philosophy; Grazer philosophische Zeitschrift; Zeitschrift für philosophische Forschung; Journal of General Philosophy of Science; British Journal for the Philosophy of Science; Yearbook of the Vienna Circle Institute; Facta Philosophica; Crítica; Foundations of Science; Review of Logic.
 ▶
- Editorial Boards:
Theoria; *Facta Philosophica*; *Grazer Philosophische Zeitschrift*; *Yearbook of the Vienna Circle Institute*.
 ▶
- PhD Supervision:
 Dairon Alberto Arboleda Quintero. Thesis: "Idealizaciones y aproximaciones en la formulación de modelos: una justificación pragmática", UPV/EHU, 2012.
Research Interests
 Philosophy of Science in 19th and 20th centuries; Vienna Circle Philosophy; German NeoKantian philosophy, particularly Ernst Cassirer philosophy; Formal ontology, mereology.
Publications
Books
 - - Mormann, T., Bertrand Russell, *Beck'sche Reihe Denker*, München, Verlag C.H. Beck, 184pp., 2007.
 - - Mormann, T., Rudolf Carnap, *Beck'sche Reihe Denker*, München, Verlag C.H. Beck, 229pp., 2000.

- Mormann, T., *Representaciones en la ciencia. De la invariancia estructural a la significatividad pragmática* (con A. Ibarra), Barcelona, Ediciones del Bronce, 332pp., 1997.
- Mormann, T., *Struktur und Repräsentation, Überlegungen zu einer Konstitutionstheorie der Wirklichkeit*, Habilitationsschrift, angenommen von der Fakultät für Philosophie und Statistik der Ludwig-Maximilians-Universität München, 292pp., 1995.
- Mormann, T., *Argumentieren, Begründen, Verallgemeinern - zum Beweisen im Mathematikunterricht*, Scriptor Verlag, Königstein, 225pp, 1981.
- Mormann, T., *Zur Topologie sphärischer Raumformen*, Dissertation Universität Dortmund, 151pp, 1978.
- Co-editor:**
- Mormann, T., Rudolf Carnap, *Scheinprobleme in der Philosophie und andere metaphysikkritische Schriften*, herausgegeben, eingeleitet und mit Anmerkungen versehen von Thomas Mormann, Hamburg, Meiner Verlag. 150pp., 2004.
 - - Mormann, T., *Variedades de la representación en la ciencia y la filosofía*, (with A. Ibarra), Madrid, Ariel, 204pp., 2000.
 - - Mormann, T., *Representations of Scientific Rationality, Contemporary Philosophy of Science in Spain* (with A. Ibarra), Poznan Studies in the Philosophy of Science and the Humanities vol. 61, Amsterdam, Rodopi, 398pp., 1997.
 - - Mormann, T., *El programa de Carnap: Lenguaje, Ciencia, Filosofía* (con R. Cirera i A. Ibarra), Barcelona, Ediciones del Bronce, 324pp., 1996.
 - Mormann, T., *The Space of Mathematics, Proceedings of the San Sebastián Symposium on Structures in Mathematical Theories* (with J. Echeverría and A. Ibarra), Berlin, de Gruyter 422, 1992.
 - Mormann, T., *Funktionsbegriff und funktionales Denken*, (with G. v. Harten, H.N. Jahnke, M. Otte, F. Seeger, H. Steinbring und H. Stellmacher), IDM-Band 11, Köln, Aulis Verlag, 188pp., 1986.
 - Mormann, T., *Perspektiven für die Ausbildung des Mathematiklehrers*, (mit der Arbeitsgruppe Mathematiklehrerbildung), IDM-Band 2, Köln, Aulis Verlag, 300pp., 1981.

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Papers in Journals

- Mormann, T., *Scientific Worldviews as Promises of Science and Problems of Philosophy of Science*, *CENTAURUS* (forthcoming).
- Mormann, T., *Philipp Frank's Austro-American Logical Empiricism*, *HOPOS* 7(1) Spring 2017, 2017.
- Blaszyk, P., Kanovei, V., Katz, K.U., Katz, M.G., Kudryk, T., Mormann, T., and Sherry, D., *Is Leibnizian Calculus embeddable in first order logic?*, *Foundations of Science* 22, 2016.
- Mormann, T., *Review of I. Niiniluoto and S. Pihlström (eds.) Reappraisals of Eino Kaila's Philosophy*, *Vienna Circle Institute Yearbook*, 18: 281-285, 2016.
- Mormann, T., *Carnap's Aufbau in the Weimar Context*, in M. Neuber, (ed.) *Influences on Carnap's Aufbau*, *Vienna Circle Institute Yearbook*, 18: 115-136, 2016.
- Mormann, T., *Review of "Moritz Schlick's 'Vorlesungen über Nietzsche und Schopenhauer'"*, *Journal of General Philosophy of Science* 46 (2): 419-423, 2015.
- Mormann, T., *On the Vicissitudes of Idealism in Philosophy of Science: The Case of Cassirer's Critical Idealism*, *Lectiones et Acroases Philosophicae*, Wroclaw (Poland), 2014.
- Mormann, T., *Matthias Neuber: Die Grenzen des Revisionismus: Schlick, Cassirer, und das Raumproblem*, *Zeitschrift für Philosophische Forschung* 68(1), 127 – 131, 2014.
- Mormann, T., *Set Theory, Topology, and the Possibility of Junky Worlds*, *Notre Dame Journal of Formal Logic* 55(1), 79-90, 2014.
- Mormann, T., *Heyting Algebra as a Framework for Spatial Reasoning*, *Axiomathes* 23(1), 137-164, 2013.
- Mormann, T. and M. Katz, *Infinitesimals as an Issue of Neo-Kantian Philosophy of Science*, *HOPOS, The Journal of the International Society for the History of Philosophy of Science* 3(2), 236-280, 2013.
- Mormann, T., *Tools, Objects, and Chimeras: Connes on the Role of Hyperreals in Mathematics*, *Foundations of Science* 18, 259-296, 2013.

- - Mormann, T., A Place for Pragmatism in the Dynamics of Reason, *Studies in History and Philosophy of Science* 43(1), 27-37, 2012.
- - Mormann, T., Topologia Jako Zagadnienie dla Historii Filozofii Nauki, *Lectiones & Acroases Philosophicae* V(2), 83-89, 2012.
- - Mormann, T., The Vicissitudes of Mathematical Reason in 20th Century, Review Essay on P. Mancosu, *The Adventure of Reason. Interplay between Philosophy of Mathematics and Mathematical Logic, 1900–1940*, Oxford University Press, *Metascience* 21(2), 295-300, 2012.
- - Mormann, T., La Idealización en la matemática, *Discusiones Filosóficas* 13(20), 147-167, 2012.
- - Mormann, T., On the Mereological Structure of Complex States of Affairs, *Synthese* 187(2), 403-418, 2012.
- Mormann, T., A Virtual Debate in Exile: Cassirer and the Vienna Circle after 1933, *Vienna Circle Institute Yearbook* Vol. 18, 149-167, 2012.
- Mormann, T., Toward a Theory of the Pragmatic A priori. From Carnap to Lewis and Beyond, in R. Creath (ed.), *Rudolf Carnap and the Legacy of Logical Empiricism*, *Vienna Circle Institute Yearbook* 18, 113-132, 2012.
- Mormann, T., Review Essay, One Hundred Years of Philosophy of Science-The View from Munich, *Vienna Circle Institute Yearbook* Vol. 15, 297-309, 2011.
- Mormann, T., Structural Universals as Structural Parts: Toward a General Theory of Parthood and Composition, *Axiomathes* 20 (2-3), 229 - 253, 2010.
- Mormann, T., Zwischen Weisheit und Wissenschaft – Schlicks weites philosophisches Spektrum, *Grazer philosophische Studien* 80, 199 – 221, 2010.
- Mormann, T., New Work for Carnap's Quasianalysis, *Journal of Philosophical Logic* 38, 249-282, 2009.
- Mormann, T., Enlightenment and Formal Romanticism-Carnap's Account of Philosophy as Explication, Review Essay on Carnap and Twentieth-Century Thought (A.W. Carus), *Yearbook of the Vienna Circle* Vol. 14, 263-279, 2009.
- Mormann, T., The Debate on Begriffstheorie between Cassirer and Marc-Wogau, *Vienna Circle Yearbook* Vol. 14, 167-180, 2009.
- Mormann, T., Idealization in Cassirer's Philosophy of Mathematics, *Philosophia Mathematica* (3), 151-181, 2008.
- Mormann, T., Carnap's Logical Empiricism, Values, and American Pragmatism, *Journal of General Philosophy of Science*, 38/1, 127-146, 2007.
- Mormann, T., Representations, Possible Worlds, and the Idealizational Approach to Science, in J. Brzezinski, A. Klawiter, T.A.F. Kuipers, K. Lastowski, K. Paprzycka, P. Przybysz (eds.), *The Courage of Doing Philosophy: Essays dedicated to Leszek Nowak*, Amsterdam and New York, Rodopi, 2007, 129-158.
- Mormann, T., Between Heidelberg and Marburg: On the Aufbau's Neo-Kantian Origins and the AP/CP-divide. México, *Sapere Aude!* 1(2006), 22-50.
- Mormann, T., Scientific Theories as Intervening Representations (with A. Ibarra), *Theoria* 55(1), 21-38, 2006.
- Mormann, T., Werte bei Carnap, *Zeitschrift für philosophische Forschung* 60(2), 169-189, 2006.
- Mormann, T., Carnap's Conventionalism and Differential Geometry, *Proceedings of the 2004 Biennial Meeting of the Philosophy of Science Association, Part I, Contributed Papers*, edited by Miriam Solomon, 2005, 814-825.
- Mormann, T., Interactive Representations (with A. Ibarra), *Representations*, 1,1-20, 2005.

- Mormann, T., Geographie des Wissens und der Wissenschaften: Von der Encyclopédie zur Konstitutionstheorie, in E. Nemeth und N. Roudet (Hrg.), Paris-Wien, *Enzyklopädien im Vergleich. Veröffentlichungen des Instituts Wiener Kreis* 13, Wien und New York, Springer, 2005, 33-64.
- Mormann, T., Geometry of Logic and Truth Approximation, in R. Festa, A. Aliseda, and J. Peijnenburg (eds.), Confirmation, Empirical Progress, and Truth Approximation, *Poznan Studies in the Philosophy of the Sciences and the Humanities* vol. 83, 431-454, Amsterdam, Atlanta, GA, Rodopi, 2005.
- Mormann, T., Rudolf Carnap, la Sociedad Ernst Mach, y la Concepción científica del mundo del Circulo de Viena, Introducción a una conferencia inédita de Rudolf Carnap (con A. Peláez y E. Rueda), *Signos Filosóficos* 11 (2004), 147- 161.
- Mormann, T., Engaged Scientific Philosophy in the Vienna Circle - The Case of Otto Neurath (with Andoni Ibarra), *Technology in Society*, vol. 25 (2), 235-247, 2003.
- Mormann, T., Philosophy in Spain: Between the Phantom of Self-Identification and Modern Discussions (in Ukrainian, with Andoni Ibarra) *Geneza* 2003, 6-15.
- Mormann, T., Towards a Combinatorial Reflexive Theory of Scientific Representation (in Ukrainian, with Andoni Ibarra), *Geneza* 2003, 52-65.
- Mormann, T., El descontento de la filosofía tradicional de la ciencia con el concepto de representación (con A. Ibarra), *Critica* 33(2001), 97-109.
- Mormann, T., Carnaps Philosophie als Möglichkeitswissenschaft, *Zeitschrift Für Philosophische Forschung* 55 (2001), 80-101.
- Mormann, T., Topological Representations of Mereological Systems, *Poznan Studies In The Philosophy Of Science And The Humanities* 76(2001), 467-490.
- Mormann, T., The Importance of the Vienna Circle for 20th century's philosophy (in Basque), *Jakin*, vol. 14, 2000, 17- 24.
- Mormann, T., Carnaps "Logischer Aufbau der Welt" in neuer Sicht, *Information Philosophie* 2/2000, 88 - 91.
- Mormann, T., Bericht Neuere Literatur zur Philosophie Cassirers, *Zeitschrift Für Philosophische Forschung* 54(3) (2000), 133-152.
- Mormann, T., Una teoría combinatoria de la representación científica (con A. Ibarra) *Critica* vol. XXXII (2000), 3-46.
- Mormann, T., Neither mereology nor Whiteheadian account of space yet convicted, *Analysis* 59.3 (1999), 174-182.
- Mormann, T., Idealistische Häresien: Cassirer, Carnap und Kuhn, *Journal For General Philosophy Of Science* 30(2), 233-270, 1999.
- Mormann, T., Critical Idealism Revisited - Recent Work on Cassirer's Philosophy of Science, *Yearbook Of The Vienna Circle* Vol. 6, 295-306, 1999.
- Mormann, T., Neurath's Opposition to Tarskian Semantics, in F. Stadler, J. Wolenski (eds.) Tarski and the Vienna Circle, *Yearbook Of The Vienna Circle* Vol. 6, 165-178, 1999.
- Mormann, T., Continuous Lattices and Whiteheadian Theory of Space, *Logic And Logical Philosophy* 6, 35-54, 1998.
- Mormann, T., Analogii structurale intre teoriile matematice si teoriile empirice (with Andoni Ibarra), *Krisis* 6, 93-108, 1998.
- Mormann, T., Brouwers Intuition - eine brauchbare philosophische Basis für die Mathematik?, *Ethik Und Sozialwissenschaften* 9 (3), 471-472, 1998.
- Mormann, T., Datos, Fenomena, y constructos teóricos, Un enfoque representacional (con A. Ibarra), *Theoria* - Segunda Época, Vol. 13(1), 61-87, 1998.
- Mormann, T., The Refined Qualitative Theory of Truth Approximation Does Not Deliver: Remark on Kuipers,

Erkenntnis 47, 181-185, 1997.

- Mormann, T., Der begriffliche Aufbau der wissenschaftlichen Wirklichkeit bei Cassirer, *Logos, Zeitschrift Für*

Systematische Philosophie 5, 268-293, 1997.

- Mormann, T., Topological Aspects of Combinatorial Possibility, *Logic And Logical Philosophy* 5, 75-92, 1997.

- Mormann, T., The Long and Winding Road to Philosophy of Science in Spain (with J. Echeverría and A. Ibarra), in A.

Ibarra, T. Mormann (eds.), Representations of Rationality, Contemporary Spanish Philosophy of Science, *Poznan*

Studies In The Philosophy Of Science And The Humanities 61,17-61, 1997.

- Mormann, T., Theories as Representations (with A. Ibarra), in A. Ibarra, T. Mormann (eds.), Representations of

Rationality, Contemporary Spanish Philosophy of Science, *Poznan Studies In The Philosophy Of Science And The*

Humanities 61, 65 - 92, 1997.

- Mormann, T., Ist der Begriff der Repräsentation obsolet?, *Zeitschrift Für Philosophische Forschung* 51(3), 349-366, 1997.

- Mormann, T., Trope Sheaves, A Topological Ontology of Tropes, *Logic And Logical Philosophy* 3, 1- 22, 1996.

- Mormann, T., Similarity and Continuous Quality Distributions, *The Monist* 79, 76-88, 1996.

- Mormann, T., Encyclopedism as an Anti-Cartesian Account of Language and Science, in E. Nemeth, F. Stadler (eds.)

Encyclopedia and Utopia, *Yearbook Of The Vienna Circle Institute* Vol. 4, 87-96, 1996.

- Mormann, T., Incompatible Empirically Equivalent Theories - a Structural Explication, *Synthese* 103, 203-249, 1995.

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- Mormann, T., Space Curvature and Repeatable Properties, Almost No Problems with a Peaceful Coexistence, *Australasian Journal Of Philosophy* 73(1), 114-123, 1995.

- Mormann, T., Idealization, Structuralism, and Possible Worlds (with A. Ibarra), in Idealization VII (M. Kuokkanen (ed.)) *Poznan Studies In The Philosophy Of Science And The Humanities* 42, 81-94, 1994.

- Mormann, T., La Pansemantica: una falacia de la abstracción, (con A. Ibarra), *Agora* 13(2), 163-177, 1994.

- Mormann, T., Accessibility, Laws, and Kinds - A Structural Explication, *Philosophy Of Science* 61, 389-406, 1994.

- Mormann, T., A Representational Reconstruction of Carnap's Quasianalysis, *PSA* 1994, Volume 1, 96-104.

- Mormann, T., La Estación de Viena, Un giro olvidado en la filosofía del siglo veinte?, *Theoria* 20, 199-204, 1994.

- Mormann, T., Simetrias versus leyes - Apostilla a van Fraassen sobre la representación (con A. Ibarra), *Pensamiento*

50, 383-406, 1994.

- Mormann, T., ¿Cuántos Objetos Hay en el Mundo? Una explicitacion representational de la noción de esquema

conceptual (con A. Ibarra), *Dialogos* 62, 31-53, 1993.

- Mormann, T., Replik auf G. Schlossers Neurath, Normen und Naturalismus, *Dialektik* (1993/2), 131-133.

- Mormann, T., Neuraths Enzyklopädismus: eine naturalistische Version des Logischen Empirismus, *Dialektik* (1993/1),

99-112.

- Mormann, T., Natural Predicates and Topological Structures of Conceptual Spaces, *Synthese* 95, 219-240, 1993.

- Mormann, T., Accessibility and Possibility of Worlds - a Combinatorial Approach, *Ruch Filozoficzny* 49, 281-287, 1992. - Mormann, T., Propiedades modelísticas del concepto de reducción (con A. Ibarra),

Agora 11, 69-95, 1992.

- Mormann, T., Structural Accessibility and Similarity of Possible Worlds, *Journal Of Philosophical Logic* 21, 149-172,

1992.

- Mormann, T., L'explication en tant que généralisation théorique (avec A. Ibarra), *Dialectica* 46, 151-168, 1992.
- Mormann, T., What is this Protean in Mathematics? (with A. Ibarra), *Physis* 28, 591-597, 1991.
- Mormann, T., Husserl's Philosophy of Science and the Semantic Approach, *Philosophy Of Science* 22, 73-100, 1991.
- Mormann, T., Neuraths Enzyklopädismus: Entwurf eines radikalen Empirizismus, *Journal Of General Philosophy Of Science* 22, 73-100, 1991.
- Mormann, T., La explicación del concepto de reducción (con A. Ibarra), *Theoria* 10, 139-151, 1989.
- Mormann, T., Structuralist Reduction Concepts as Structure Preserving Maps, *Synthese* 77, 215-250, 1988.
- Mormann, T., Are all False Theories Equally False?, *British Journal For The Philosophy Of Science* 39, 505-519, 1988.
- Mormann, T., Topologische Aspekte strukturalistischer Rekonstruktionen, *Erkenntnis* 23, 319-359, 1985.
- Mormann, T., Zum Beweisen im Mathematikunterricht, *Schwarz Auf Weiss, Zeitschrift Für Lehrer, Lehramtsanwärter Und Studenten*, 64-69, 1982.

Book Chapters

- Mormann, T., Der frühe Carnap im ideologischen Umfeld des Serakreises, in Christian Damböck (Hrg.), *Der Logische Empirismus und die Deutsche Jugendbewegung*, Veröffentlichungen des Instituts Wiener Kreis, im Erscheinen (forthcoming).
- Mormann, T., Zur mathematischen Wissenschaftsphilosophie des Marburger Neukantianismus, in Christian Damböck (Hrg.), *Zur Philosophie Hermann Cohens*, im Erscheinen Springer (forthcoming).
- Mormann, T., Wissenschaftliche Philosophie im Exil: Cassirer und der Wiener Kreis nach 1933, in Matthias Neuber (Hrg.), Husserl, Cassirer, Schlick. *Wissenschaftliche Philosophie im Spannungsfeld von Phänomenologie, Neukantianismus, und logischem Empirismus*, Springer, 23, 159-179, 2016.
- Mormann, T., Morris' Pariser Programm einer wissenschaftlichen Philosophie, in Christian Bonnet und Elisabeth Nemeth (Hrg.), *Wissenschaft und Praxis. Zur Wissenschaftsphilosophie in Österreich und Frankreich in der ersten Hälfte des 20. Jahrhunderts*, Springer, pp. 73-88, 2016.
- Mormann, T., From Mathematics to Quantum Mechanics-On the conceptual Unity of Cassirer's Philosophy of Science, in Sebastian Luft and Tyler Friedman (eds.), *The Philosophy of Ernst Cassirer: A Novel Assessment*, De Gruyter, 31-64, 2015.
- Mormann, T., Topology as an Issue for Philosophy of Science, in H. Andersen, D. Dieks, W.J. Gonzalez, T. Uebel and G. Wheeler (eds.) *New Challenges to Philosophy of Science*, Springer, 423-434, 2013.
- Mormann, T., Wiener Wissenschaftliche Weltanschauungen – zwischen Wissenschaft, Philosophie, Politik und „Leben“, in E. Nemeth und F. Stadler (Hrg.) *Die europäische Wissenschaftsphilosophie und das Wiener Erbe*. Veröffentlichungen des Instituts Wiener Kreis Band 18, Springer, 105-127, 2013.
- Mormann, T., Carnap's Boundless Ocean of Unlimited Possibilities: Between Enlightenment and Romanticism, in Pierre Wagner (ed.) *Carnap's Ideal of Explication and Naturalism*, Palgrave Macmillan, London, 65-82, 2012.
- Mormann, T., History of Philosophy of Science as Philosophy of Science by Other Means? Comment on Thomas Uebel, in F. Stadler et. al., (eds.), *Proceedings of the First Conference on the Philosophy of Science in a European Perspective*, December 2008, Vienna, 29-40, Springer, 2010.
- Mormann, T., Stationen der deutschsprachigen Wissenschaftsphilosophie im 20. Jahrhundert: Von der Wissenschaftlichen Weltauffassung zur Wissenschaftstheorie der Münchner Schule, in F. Stadler (Hrg.), *Vertreibung*, Mormann 5 of 7
- Transformation und Rückkehr der Wissenschaftstheorie. Am Beispiel von Rudolf Carnap und Wolfgang Stegmüller*, Wien und Berlin, LIT Verlag, 341-370, 2010.
- Mormann, T., Wertphilosophische Abschweifungen eines Logischen Empiristen: Der Fall Carnap, in A. Siegetsleitner (Hrg.) *Logischer Empirismus, Werte und Moral*, Veröffentlichungen des Wiener Kreis Instituts, Band 15, Wien,

Springer, 81-102, 2010.

- Mormann, T., Russell's Many Points, in A. Hieke and H. Leitgeb (eds.), *Reduction-Abstraction-Analysis, Publications of the Austrian Ludwig Wittgenstein Society, New Series, volume 11*, Frankfurt/Main, Ontos Verlag, 239-258, 2009.
- Mormann, T., Completions, Constructions, Corollaries, in G. Hanna, H.-N. Jahnke, H. Pulte (eds.), *Explanations and Proofs in Mathematics: Philosophical and Educational Perspectives*, Berlin and New York, Springer, 59-70, 2009.
- Mormann, T., Updating Classical Mereology, *Proceedings of the XIII. International Conference on Logic, Methodology and Philosophy of Science*, edited by C. Glymour, W. Wang, D. Westerwstahl, Beijing 2007, King's College Publications, London, 326-343, 2009.
- Mormann, T., Geometrical Leitmotifs in Carnap's Early Philosophy, in R. Creath and M. Friedman (eds.), *Cambridge Companion to Carnap*, Cambridge, Cambridge University Press, 57-75, 2007.
- Mormann, T., The Structure of Scientific Theories in Logical Empiricism, in A. W. Richardson, T. E. Uebel (eds.), *The Cambridge Companion to Logical Empiricism*, Cambridge, Cambridge University Press, 2007, 136-162.
- Mormann, T., Bertrand Russell, in O. Höffe (Hrg.) *Klassiker der Philosophie*, Band 2, 210-224, München, 2007.
- Mormann, T., Las teorías científicas como representaciones interventivas: algunas lecciones a partir de Helmholtz, Hertz, y Duhem (with A. Ibarra), en E. Suárez Díaz (comp.), *Variedad infinita, Ciencia y representación. Un enfoque histórico y filosófico*, Mexico, 2007, 107-128.
- Mormann, T., Representations, Possible Worlds, and the Idealizational Approach to Science, in J. Brzezinski, A. Klawiter, T.A.F. Kuipers, K. Lastowski, K. Paprzycka, P. Przybysz (eds.), *The Courage of Doing Philosophy: Essays dedicated to Leszek Nowak*, Amsterdam and New York, Rodopi, 2007, 129-158.
- Mormann, T., Truthlikeness for Theories on Countable Languages, in I. Jarvie, K. Milford, and D. Miller (eds.), *Karl Popper: A Centenary Assessment*, vol. 3, Science: Logic, Mathematics, Physics, Biology, Social Science, Aldershot, Ashgate, 2006, 3-15.
- Mormann, T., Von der Wissenschaftlichen Weltauffassung zur Wissenschaftstheorie der Münchner Schule, in G. Ernst, K.G. Niebergall (Hrg.) *Philosophie der Wissenschaft-Wissenschaft der Philosophie*, Paderborn, Mentis Verlag, 2006, 183-203.
- Mormann, T., Zur logischen Analyse des mereologischen Fusionsbegriffs, in G. Imaguire und Ch. Schneider, *Festschrift für Hans Burkhardt*, München, Philosophia Verlag, 137-155, 2006.
- Mormann, T., Carnap's Conventionalism and Differential Geometry, *Proceedings of the 2004 Biennial Meeting of the Philosophy of Science Association*, Part I, Contributed Papers, edited by Miriam Solomon, 2005, 814-825.
- Mormann, T., Idealización y matematización en el idealismo crítico de Cassirer, en E. Txapartegui (ed.), *Los objetos de la ciencia. El mundo que la ciencia construye*, Córdoba, Edición Brujas 2005, 101-121.
- Mormann, T., Réplica a Mauricio Suárez, en E. Txapartegui (ed.), *Los objetos de la ciencia. El mundo que la ciencia construye*, Córdoba, Edición Brujas 2005, 135-144.
- Mormann, T., Geographie des Wissens und der Wissenschaften: Von der Encyclopédie zur Konstitutionstheorie, in E. Nemeth und N. Roudet (Hrg.), *Paris-Wien, Enzyklopädien im Vergleich*. Veröffentlichungen des Instituts Wiener Kreis

13, Wien und New York, Springer, 2005, 33-64.

- Mormann, T., Description, Construction and Representation. From Russell and Carnap to Stone, in G. Imaguire, B.

Linsky (eds.), *On Denoting 1905-2005*, München, Philosophia Verlag, 2005, 333-360.

- Mormann, T., Mathematical Metaphors in Natorp's Neo-Kantian Epistemology and Philosophy of Science, in M.H.G.

Hoffmann, J. Lenhard, F. Seeger (eds.), *Activity and Sign-Grounding Mathematics Education*, New York, Springer,

2005, 229-239.

- Mormann, T., Logical Empiricism, in *Encyclopedia of Science, Technology, and Ethics* (with A. Ibarra), edited by C.

Mitcham, Detroit, MacMillan Reference USA, Thomson, Gale, 2005, 1138-42.

- Mormann, T., A Quasi-analytical Constitution of Space, in St. Awodey and C. Klein (eds.), *Carnap Brought Home: the*

View from Jena, La Salle and Chicago, Open Court, 79-99, 2004.

- Mormann, T., Synthetic Geometry and Aufbau, in Th. Bonk (ed.) *Language, Truth, and Logic.*

Contributions to the

Philosophy of Rudolf Carnap, Vienna Circle Institute Library, Dordrecht, Kluwer, 2003, 45-64.

- Mormann, T., Towards an Evolutionary Account of Conceptual Change in Mathematics: Proofs and Refutations and the Axiomatic Variation of Concepts, in G. Kampis, L. Kvasz, and M. Stöltzner (eds.)

Appraising Lakatos: Mathematics,

Methodology and the Man, Dordrecht, Kluwer, 2002, 139-156.

- - Mormann, T., ¿Hubo un enfoque CTS en el empirismo lógico del Círculo de Viena? (con A. Ibarra), en A. Ibarra, J. A. López Cerezo (eds.), *Ciencia, Técnica y sociedad: desafíos y tensiones actuales*, Madrid, Biblioteca Nueva, 2001, 97-116.
- - Mormann, T., Espectros de problemas metafísicos en el ámbito de SCC (con Aitor Sorreluz), en A. Ibarra, J. A. López Cerezo (eds.), *Ciencia, Técnica y sociedad: desafíos y tensiones actuales*, Madrid, Biblioteca Nueva, 2001, 165-180.

Mormann 6 of 7

- Mormann, T., The Importance of the Vienna Circle for 20th century's philosophy (in Basque), *JAKIN*, vol. 14, 2000, 17- 24.

- Mormann, T., The Relation of Interior Parthood as a New Foundation for Mereology, en *Actas del III Congreso de la Sociedad de Lógica, Metodología y Filosofía de la Ciencia*, Abril 2000, Donostia-San Sebastián, 69-74.

- Mormann, T., El concepto de la representación en la tradición neokantiana: de Helmholtz a Cassirer, en A. Ibarra, T. Mormann (editores), *Variedades de la representación en la ciencia y la filosofía*, Madrid, Ariel, 2000, 71-80.

- Mormann, T., Mereologie - einige mathematische Explorationen, in *Metaphysik, Sein, Rationalität Festschrift für L.B. Puntel, heraus-gegeben von D. Greimann und C. Peres*, Amsterdam, Rodopi, 2000, 249-271.

- Mormann, T., Topological Representations of Mereological Systems, in *Perspektiven der Analytischen Philosophie* Bd. 23, Rationalität, Realismus, Revision, Vorträge des 3. Kongresses der Gesellschaft für analytische Philosophie 1997, de Gruyter, Berlin, 1999, 384-390.

- Mormann, T., Neuraths anticartesische Konzeption von Wissenschaft und Sprache, in E. Nemeth, R. Heinrich (Hrg.), *Otto Neurath, Rationalität, Planung, Vielfalt, Wiener Reihe*, Oldenbourg, Akademie Verlag, 32-61, 1999.

- Mormann, T., Analogii structurale între teoriile matematice și teoriile empirice (with Andoni Ibarra), *KRISIS* 6, 93-108, 1998.

- Mormann, T., Repräsentation, Struktur, Quasianalyse-Formale Aspekte einer Carnapianischen Konstitutionstheorie, in L. Wessels and G. Meggle (eds.) *Proceedings of ANALYOMEN 2*, Leipzig 1994, vol. 2, de Gruyter 1997, Berlin, 431- 438.

- Mormann, T., Categorical Structuralism, in W. Balzer, C.U. Moulines (eds.) *Research Topics in Structuralist Philosophy of Science*, de Gruyter, Berlin, 265 -286, 1996.

- Mormann, T., Representation et Recombinaison, Aspects structurels de la Theorie Leibnizienne des Mondes Possibles, (avec A. Ibarra), en J. Echeverría, J. de Lorenzo, L. Peña (eds.), *Calculemos, Homenaje a Miguel Sanchez- Mazas*, Madrid, Editorial Trotta, 85 - 95, 1996.
- Mormann, T., El Lenguaje en las Obras de Neurath y de Carnap, en R. Cirera, A. Ibarra, T. Mormann (editores), *El Programa de Carnap: Lenguaje, Ciencia, Filosofia*, Barcelona, Las Columnas, 138 - 161, 1996.
- Mormann, T., A Representational Reconstruction of Carnap's Quasianalysis, *PSA 1994*, Volume 1, 96-104.
- Mormann, T., Cassirer's Problem and the Geometric Structure of Conceptual Spaces, in L. Wessels and G. Meggle (eds.) *Proceedings of ANALYOMEN 1*, Symposium of GAP, Saarbrücken 1991, *Perspektiven der Analytischen Philosophie* Vol. 1, de Gruyter, Berlin, 241-250, 1994.
- Mormann, T., Structural Analogies of Mathematical and Empirical Theories, (with A. Ibarra), in *The Space of Mathematics, Proceedings of the San Sebastian Symposium on Structures in Mathematical Theories*, de Gruyter, Berlin, 31-46, 1992.
- Mormann, T., Zur Frühgeschichte des funktionalen Denkens-Oresmes Konfigurationslehre und Galileis geometrische Naturwissenschaft, *IDM OCCASIONAL PAPERS* 45, 37-60, 1984.
- Mormann, T., Der Zusammenhang von Didaktik und Methodik in der alltäglichen Unterrichtsplanung (zusammen mit F. Seeger), in B. Adl-Amini (Hrsg.) *Didaktik und Methodik*, Weinheim, Beltz, 115-142, 1981.

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About 35 talks at international conferences, workshops and seminars in the last 10 years.