

**CURRICULUM VITAE**  
**ANGELO FELICE LOPEZ**

(February 2025)

Current Position (since academic year 2001-02): **Full Professor of Geometry**, Department of Mathematics and Physics, Roma Tre University, Rome, Italy  
from 2017 to 2021: **Chairman of Graduate Studies in Mathematics**, University of Roma Tre  
from a.y. 2001-02 to 2003-04: **Chairman of Undergraduate Studies in Mathematics**, University of Roma Tre  
from a.y. 1994-95 to a.y. 2000-01: **Associate Professor of Geometry**, University of Roma Tre  
a.y. 1993-94: **Associate Professor**, University of Milano  
a.y. 1991-92, 1992-93: **Researcher of Geometry**, University of Pavia  
a.y. 1990-91: **CNR/NATO fellow**, University of California, Riverside  
a.y. 1988-89, 1989-90: **Postdoc**, University of California, Riverside  
from a.y. 1984-85 to a.y. 1987-88: Ph.D. Student, Brown University  
a.y. 1983-84: Ph.D. Student (first year), University of Roma “La Sapienza”  
a.y. 1982-83: Military Service  
from a.y. 1977-78 to a.y. 1981-82: Undergraduate student, University of Roma “La Sapienza”

**DEGREES**

1988 **Ph.D. in Mathematics**, Brown University  
1982 **Laurea in Matematica**, University of Roma “La Sapienza”

**INVITED TALKS AT CONFERENCES**

2024 Conference *Foliation Theory and Algebraic Geometry. Celebrating the 70th Birthday of Fernando Cukierman*, IMPA Rio de Janeiro  
2023 Conference *Joy in Algebraic Geometry*, Levico Terme (Trento)  
2023 Conference *A workshop on Geometry and Commutative algebra*, Politecnico of Milano  
2023 Conference *Explicit Algebraic Geometry*, IMPAN Bedlewo (Poland)  
2022 Conference *Bandoleros 2022, Sixth Algebraic Geometry Meeting*, Middle East Technical University, Ankara  
2019 Conference *Positivity and Vanishing theorems III*, Université de Lille (France)  
2018 Conference *Differential, Algebraic and Topological Methods in Complex Algebraic Geometry*, Cetraro (Cosenza)  
2017 Conference *A Fall Meeting in Algebraic Geometry and related topics*, Politecnico of Torino  
2016 Conference *Workshop in Algebraic Geometry*, Easter Island (Chile)  
2016 Conference *Positivity and Vanishing Theorems*, Université de Lille (France)  
2016 Workshop *Geometria in Bicocca 2016*, University of Milano-Bicocca  
2015 Workshop *Projective Algebraic Geometry (celebrating Fyodor Zak’s 65th birthday)*, HSE Moscow

- 2014 Workshop *Positivity of cycles*, Marrakech (Morocco)
- 2014 Workshop *Frontiers of rationality*, Longyearbyen (Norway)
- 2013 Conference *Geometria Algebrica nella Capitale*, Roma Tre University
- 2013 Conference *Edge Days 2013*, University of Edinburgh
- 2013 Conference *Symposium on Projective Algebraic Varieties and Moduli*, Yeosu (Korea)
- 2012 Workshop *On the abundance conjecture*, Université de Toulouse
- 2012 Conference *XXII Brazilian Algebra Meeting*, Salvador de Bahia (Brasil)
- 2012 Workshop *A Midspring Math Meeting*, Politecnico of Torino
- 2012 Workshop *Algebraic Geometry III to II*, University of Rome Tor Vergata
- 2011 Workshop *Théories de classification et géométrie birationnelle des variétés algébriques et de leurs séries linéaires*, Université de Strasbourg
- 2009 Conference *Workshop on Algebraic Geometry*, Complutense University of Madrid
- 2008 Conference *Algebraic Geometry, D-modules, Foliations and their interactions*, University of Buenos Aires
- 2007 Conference *Algebraic Geometry in Higher Dimensions*, Levico Terme (Italy)
- 2006 Conference *Eighth Meeting on Commutative Algebra and Algebraic Geometry*, IMPA Rio de Janeiro
- 2006 Workshop *Giornate Genovesi - Progetto INdAM 2006*, University of Genova (Italy)
- 2006 Conference *Castelnuovo-Mumford regularity and related topics Conference*, Luminy (France)
- 2004 Workshop *Algebraic curves, monodromy and related topics*, Politecnico of Milano
- 2002 Workshop *Global Geometry of Algebraic Varieties*, Complutense University of Madrid
- 2002 Conference *The Fano Conference*, University of Torino (Italy)
- 2002 Conference *Birational and Projective Geometry of Algebraic Varieties*, University of Ferrara (Italy)
- 2002 Conference *First International Meeting Unione Matematica Italiana - American Mathematical Society* (Special Session 6, Commutative Algebra and the Geometry of Projective Varieties), University of Pisa (Italy)
- 2002 Workshop *Projecting varieties, secants, Jordan algebras*, University of Firenze (Italy)
- 2001 Conference *XIV Coloquio Latinoamericano de Algebra*, La Falda (Argentina)
- 2001 *Conference on Commutative Algebra and Algebraic Geometry* (60th birthday of S. Greco), University of Catania (Italy)
- 2000 Conference *School on vanishing theorems and effective results in algebraic geometry*, ICTP Trieste (Italy)
- 1999 Conference *Recent developments of the theory of algebraic surfaces*, Furore (Italy)
- 1998 Conference *INTAS Italy-France-Russia-Spain*, Moscow
- 1996 *Europroj Annual Conference '96*, University of Liverpool, short communication
- 1995 *XV Congress of the Italian Mathematical Union* (Padova), communication in Algebraic Geometry, University of Padova (Italy)
- 1993 *Special Year in Algebraic Geometry*, MSRI (University of California Berkeley), Berkeley (CA,

USA)

- 1993 Europroj Workshop on *Classification of Special Varieties*, Universität Bayreuth, Bayreuth (Germany)
- 1992 Conference *Classification of Algebraic Varieties*, University of l'Aquila (Italy)
- 1991 Conference *Giornate di Geometria Algebrica*, University of l'Aquila (Italy)
- 1990 *861-st Conference of the American Mathematical Society*, University of North Texas
- 1990 *Europroj Annual Conference '90*, Sophia Antipolis (France)

### INVITED TALKS AT UNIVERSITIES

- 2024 Roma Tre University
- 2023 Polytechnic and University of Torino
- 2021 Polytechnic and University of Torino
- 2018 Goethe Universität Frankfurt am Main
- 2017 University of Torino
- 2015 Université de Lille
- 2014 Université de Strasbourg (several)
- 2013 University of Trento
- 2012 University of Roma Tor Vergata
- 2010 University of Trento
- 2004 University of Pavia, University of Roma Tor Vergata
- 2002 University of Roma Tor Vergata
- 2001 University of Trento
- 2000 Universidad Complutense de Madrid
- 1998 University of California, Riverside (several)
- 1997 Universidad Autonoma de Madrid, Universidad Complutense de Madrid, University of l'Aquila
- 1995 University of Roma "La Sapienza"
- 1994 Universidad Autonoma de Madrid (several), University of Milano
- 1993 University of Kansas at Lawrence
- 1992 Universidad Complutense de Madrid, University of Roma Tor Vergata, University of Milano
- 1991 University of California, Los Angeles, University of California, Riverside
- 1990 University of California, Los Angeles
- 1989 University of California, Riverside
- 1988 University of California, Los Angeles, Brown University

### PH.D. THESES

- 2020 Marco D'Ambra (Università di Roma Tor Vergata) *Partially ample divisors on projective schemes and Ulrich vector bundles on projectively Cohen-Macaulay surfaces in  $\mathbb{P}^4$*
- 2018 Giosuè Emanuele Muratore (Roma Tre University) *Pseudoeffective cones in 2-Fano varieties and remarks on the Voisin map*

- 2012 Fulvio Di Sciullo (University of Roma “La Sapienza”) *Some problems concerning the pseudo-effective cone of blown-up surfaces and projectivized vector bundles*
- 2012 Salvatore Cacciola (Roma Tre University) *Some topics on Zariski decompositions and restricted base loci of divisors on singular varieties*
- 2010 Lorenzo Di Biagio (University of Roma “La Sapienza”) *Pluricanonical systems for 3-folds, 4-folds and n-folds of general type*

### CONFERENCES ORGANIZED

- Giornate di Geometria Algebrica e argomenti correlati XVI*, Cetraro (Cosenza) 2023
- Coordinator of the *Algebraic Geometry* session of the *XXII congress of the Unione Matematica Italiana*, Pisa 2023
- First UMI meeting of Ph.D. students. Congress “100 years of the Unione Matematica Italiana and 800 years of the University of Padova”*, Padova 2022
- Algebraic Geometry in Roma Tre. On the occasion of Sandro Verra’s 70th birthday*, Rome 2022
- Giornate di Geometria Algebrica e argomenti correlati XV*, Gargnano 2021
- Giornate di Geometria Algebrica e argomenti correlati XIV*, Genova 2018
- Korean-Italian meeting in Algebraic Geometry 2018*, Seoul 2018
- A day in honor of Edoardo Sernesi*, Rome 2017
- Modern Algebra and Classical Geometry, Together with Edoardo Sernesi*, Trento 2017
- Giornate di Geometria Algebrica e argomenti correlati XIII*, Catania 2016
- INdAM Italian-Korean meeting in Algebraic Geometry 2015*, Cortona 2015
- Classical and Modern Algebraic Geometry* session in the *First Joint International Meeting RSME-SCM-SEMA-SIMAI-UMI*, Bilbao 2014
- Giornate di Geometria Algebrica e argomenti correlati XII*, Torino 2014
- Giornate di Geometria Algebrica e argomenti correlati XI*, Pisa 2012
- Giornate di Geometria Algebrica e argomenti correlati X*, Gargnano 2010
- Giornate di Geometria Algebrica e argomenti correlati IX*, Levico Terme (TN) 2008
- Giornate di Geometria Algebrica e argomenti correlati VIII*, Trieste 2006
- Giornate di Geometria Algebrica e argomenti correlati VII*, Rimini 2004
- Coordinator of the *Algebraic Geometry and Commutative Algebra* session of the *XVII congress of the Unione Matematica Italiana*, Milano 2003
- Perspectives in classification and moduli theory*, Cortona 2002
- Giornate di Geometria Algebrica e argomenti correlati VI*, Anacapri 2002
- Giornate di Geometria Algebrica e argomenti correlati V*, Gargnano 2000
- Giornate di Geometria Algebrica e argomenti correlati IV*, Siena 1998

### TEACHING EXPERIENCE

- University of Roma Tre: *Geometry 1, 2, 3, 4, 5, 6, 9, 10*, Ph.D. courses “*Positivity in algebraic geometry I*”, “*Positivity in algebraic geometry II*”, “*Birational geometry of algebraic varieties*”
- University of Roma “La Sapienza” and Roma Tre: Ph.D. course in *Algebraic Geometry*
- University of Milano: *Calculus*

University of Pavia: *Geometry 2, 5, 6*

University of California, Riverside: *Calculus, Advanced Calculus* (several), *Differential Geometry* and *Finite Geometry*

Brown University: *Advanced Calculus*, T.A. for *Calculus* and *Algebraic Geometry* (Ph.D.)

### GRANTS

Italian National Project: *Advances in Moduli Theory and Birational Classification*, from 2017 to today

Italian National Project: *Geometry of algebraic varieties*, from 1991 to 2016

National Coordinator of the Research Project INdAM *Birational geometry of projective varieties*, 2006-07

*National Science Foundation*, research grant, 1988-91

CNR research fellowship, 1988

### COLLABORATION AND SOCIETIES

Member of *Italian Mathematical Union*, *American Mathematical Society* and *G.N.S.A.G.A.* (National Algebraic Geometry group)

Collaboration with *Mathematical Reviews* since 1988

Referee for *Advances in Geometry*, *Bollettino dell'Unione Matematica Italiana*, *Canadian Journal of Mathematics*, *Communications in Contemporary Mathematics*, *Communications in Algebra*, *European Journal of Mathematics*, *Geometriae Dedicata*, *International Mathematics Research Notices*, *International Journal of Mathematics*, *Journal of Algebraic Geometry*, *Kyoto Journal of Mathematics*, *Mathematische Annalen*, *Mathematica Scandinavica*, *Mathematische Zeitschrift*, *Proceedings di Convegni*, *Proceedings of the Edinburgh Mathematical Society*, *Rendiconti del Circolo Matematico di Palermo*, *Transactions of the American Mathematical Society*.

### PUBLICATION LIST

- [1] **A.F. Lopez**, Noether-Lefschetz theory and the Picard group of projective surfaces, *Memoirs of the American Mathematical Society* 89 (1991), no. 438.
- [2] **A.F. Lopez**, On the existence of components of the Hilbert scheme with the expected number of moduli, *Mathematische Annalen* 289 (1991), no. 3, 517-528.
- [3] **C. Ciliberto - A.F. Lopez**, On the existence of components of the Noether-Lefschetz locus with given codimension, *Manuscripta Mathematica* 73 (1991), no. 4, 341-357.
- [4] **A.F. Lopez**, On the curves lying on a general surface containing a fixed space curve, *Ricerche di Matematica*, vol. XLI (1992), no. 1, 21-40.
- [5] **A.F. Lopez**, Hodge theory on the Fermat surface and the Picard number of a general surface in  $\mathbb{P}^3$  containing a plane curve, *Bollettino dell'Unione Matematica Italiana*, 7-B (1993), no. 1, 1-22.
- [6] **C. Ciliberto - A.F. Lopez - R. Miranda**, Projective degenerations of K3 surfaces, Gaussian maps, and Fano threefolds, *Inventiones Mathematicae* 114 (1993), no. 3, 641-667.
- [7] **A.F. Lopez**, Noether-Lefschetz, space curves and mathematical instantons, *Mathematische Annalen* 298 (1994), no. 3, 385-402.
- [8] **A.F. Lopez - P. Pirola**, On the curves through a general point of a smooth surface in  $\mathbb{P}^3$ , *Mathematische Zeitschrift* 219 (1995), no. 1, 93-106.

- [9] **A.F. Lopez**, Surjectivity of Gaussian maps on curves in  $\mathbb{P}^r$  with general moduli, *Journal of Algebraic Geometry* 5 (1996), no. 4, 609-631.
- [10] **C. Ciliberto - A.F. Lopez - R. Miranda**, On the corank of Gaussian maps for general embedded K3 surfaces, *Israel Mathematical Conference Proceedings. Papers in honor of Hirzebruch's 65th birthday*, vol. 9, AMS Publications (1996), 141-157.
- [11] **C. Ciliberto - A.F. Lopez - R. Miranda**, Some remarks on the obstructedness of cones over curves of low genus, In: *Higher dimensional complex varieties, Proceedings Trento 1994*. De Gruyter, Berlin-New York: 1996, 167-182.
- [12] **C. Ciliberto - A.F. Lopez - R. Miranda**, Classification of varieties with canonical curve section via Gaussian maps on canonical curves, *American Journal of Mathematics* 120 (1998), no. 1, 1-21.
- [13] **L. Chiantini - A.F. Lopez**, Focal loci of families and the genus of curves on surfaces, *Proceedings of the American Mathematical Society* 127 (1999), no. 12, 3451-3459.
- [14] **A.F. Lopez**, On the existence of components of the Hilbert scheme with the expected number of moduli, II, *Communications in Algebra* 27 (1999), no. 7, 3485-3493
- [15] **C. Ciliberto - A.F. Lopez - R. Miranda**, On the Wahl map of plane nodal curves, In: *Proceedings of the Symposium on Complex Analysis and Algebraic Geometry in memory of Michael Schneider, Bayreuth 1998*. De Gruyter, Berlin-New York: 2000, 155-163.
- [16] **L. Chiantini - A.F. Lopez - Z. Ran**, Subvarieties of generic hypersurfaces in any variety, *Mathematical Proceedings of the Cambridge Philosophical Society* 130 (2001), no. 2, 259-268.
- [17] **M.C. Chang - A.F. Lopez**, A linear bound on the Euler number of threefolds of Calabi-Yau and of general type, *Manuscripta Mathematica* 105 (2001), no. 1, 47-67.
- [18] **C. Ciliberto - A.F. Lopez**, On the number of moduli of extendable canonical curves, *Nagoya Mathematical Journal* 167 (2002), 101-115.
- [19] **L. Giraldo - A.F. Lopez - R. Muñoz**, On the projective normality of Enriques surfaces, *Mathematische Annalen* 324 (2002), no. 1, 135-158.
- [20] **A.F. Lopez - Z. Ran**, On the irreducibility of secant cones, and an application to linear normality, *Duke Mathematical Journal* 117 (2003), no. 3, 389-401.
- [21] **L. Giraldo - A.F. Lopez - R. Muñoz**, On the existence of Enriques-Fano threefolds of index greater than one, *Journal of Algebraic Geometry* 13 (2004), no. 1, 143-166.
- [22] **A.F. Lopez - C. Maclean**, Explicit Noether-Lefschetz for arbitrary threefolds, *Mathematical Proceedings of the Cambridge Philosophical Society* 143 (2007), no. 2, 323-342.
- [23] **A.L. Knutsen - A.F. Lopez**, A sharp vanishing theorem for line bundles on K3 or Enriques surfaces, *Proceedings of the American Mathematical Society* 135 (2007), no. 11, 3495-3498.
- [24] **A.L. Knutsen - A.F. Lopez**, Surjectivity of Gaussian maps for curves on Enriques surfaces, *Advances in Geometry* 7 (2007), no. 2, 215-247.
- [25] **L. Chiantini - A.F. Lopez**, Corrigendum to: Focal loci of families and the genus of curves on surfaces, *Proceedings of the American Mathematical Society* 137 (2009), no. 11, 3951-3951.
- [26] **A.L. Knutsen - A.F. Lopez**, Brill-Noether theory of curves on Enriques surfaces I: the positive cone and gonality, *Mathematische Zeitschrift* 261 (2009), no. 3, 659-690.
- [27] **A.F. Lopez - R. Muñoz - J.C. Sierra Garcia**, On the extendability of elliptic surfaces of rank two and higher, *Annales de l'Institut Fourier*, 59 (2009), no. 1, 311-346.
- [28] **A.L. Knutsen - A.F. Lopez - R. Muñoz**, On the extendability of projective surfaces and a genus bound for Enriques-Fano threefolds, *Journal of Differential Geometry*, 88 (2011), no. 3, 483-518.
- [29] **A.L. Knutsen - A.F. Lopez - R. Muñoz**, On the proof of the genus bound for Enriques-Fano threefolds, *Journal of the Ramanujan Mathematical Society*, 27 (2012), no. 3, 375-395.

- [30] **F. Cukierman - A.F. Lopez - I. Vainsencher**, Enumeration of surfaces containing an elliptic quartic curve, *Proceedings of the American Mathematical Society* 142 (2014), no. 10, 3305-3313.
- [31] **S. Cacciola - A.F. Lopez**, Nakamaye's theorem on log canonical pairs, *Annales de l'Institut Fourier*, 64 (2014), no. 6, 2283-2298.
- [32] **S. Boucksom - S. Cacciola - A.F. Lopez**, Augmented base loci and restricted volumes on normal varieties, *Mathematische Zeitschrift* 278 (2014), no. 3-4, 979-985.
- [33] **A.L. Knutsen - A.F. Lopez**, Brill-Noether theory of curves on Enriques surfaces II: the Clifford index, *Manuscripta Mathematica* 147 (2015), no. 1-2, 193-237.
- [34] **A.L. Knutsen - A.F. Lopez**, Projective normality and the generation of the ideal of an Enriques surface, *Advances in Geometry* 15 (2015), no. 3, 339-348.
- [35] **A.F. Lopez**, Augmented base loci and restricted volumes on normal varieties, II: the case of real divisors, *Mathematical Proceedings of the Cambridge Philosophical Society* 159 (2015), no. 3, 517-527.
- [36] **S. Cacciola - A.F. Lopez - F. Viviani**, Moriawaki divisors and the augmented base loci of divisors on the moduli space of curves, *Michigan Mathematical Journal* 65 (2016), no. 3, 533-546.
- [37] **C. Keem, Y.H. Kim, A.F. Lopez**, Irreducibility and components rigid in moduli of the Hilbert scheme of smooth curves, *Mathematische Zeitschrift* 292 (2019), no. 3-4, 1207-1222.
- [38] **F. Bastianelli, A. Kouvidakis, A.F. Lopez, F. Viviani**, Effective cycles on the symmetric product of a curve, I: the diagonal cone. (with an appendix by Ben Moonen), *Transactions of the American Mathematical Society* 372 (2019), no. 12, 8709-8758.
- [39] **A.F. Lopez**, On the existence of Ulrich vector bundles on some surfaces of maximal Albanese dimension, *European Journal of Mathematics* 5 (2019), no. 3, 958-963.
- [40] **F. Bastianelli, A. Kouvidakis, A.F. Lopez, F. Viviani**, Effective cycles on the symmetric product of a curve, II: the Abel-Jacobi faces, *Atti della Accademia Nazionale dei Lincei. Rendiconti Lincei-Matematica e Applicazioni* 31 (2020), 839-878.
- [41] **C. Ciliberto - A.F. Lopez - R. Miranda**, Corrigendum to: Classification of varieties with canonical curve section via Gaussian maps on canonical curves, *American Journal of Mathematics*, 143 (2021), n. 6, 1661-1663.
- [42] **A.F. Lopez**, On the existence of Ulrich vector bundles on some irregular surfaces, *Proceedings of the American Mathematical Society* 149 (2021), n. 1, 13-26.
- [43] **U. Bruzzo, A. Grassi, A.F. Lopez**, Existence and density of general components of the Noether-Lefschetz locus on normal threefolds, *International Mathematics Research Notices* 2021, no. 17, 13416-13433.
- [44] **A.F. Lopez, R. Muñoz**, On the classification of non-big Ulrich vector bundles on surfaces and threefolds, *International Journal of Mathematics* 32 (2021), no. 14, Paper no. 2150111, 18pp.
- [45] **A.F. Lopez**, Augmented and restricted base loci of cycles. *Annales de l'Institut Fourier (Grenoble)* 72 (2022), no. 1, 435-464.
- [46] **A.F. Lopez**, On the positivity of the first Chern class of an Ulrich vector bundle, *Communications in Contemporary Mathematics* 24 (2022), no. 9, Paper No. 2150071, 22 pp..
- [47] **A.F. Lopez, R. Muñoz, J.C. Sierra**, On the classification of non-big Ulrich vector bundles on fourfolds, *Preprint 2022 (arXiv:2205.10143)*. To appear on *Annali della Scuola Normale Superiore, Classe di Scienze*.
- [48] **G. Casnati, A.F. Lopez**, On a remark by Daniel Ferrand, *Preprint 2022 (arXiv:2212.04158)*.

- [49] **A.F. Lopez, J.C. Sierra**, A geometrical view of Ulrich vector bundles, *International Mathematics Research Notices* IMRN(2023), no. 11, 9754-9776.
- [50] **A.F. Lopez**, On the extendability of projective varieties: a survey. (with an appendix by Thomas Dedieu), *In: The art of doing Algebraic Geometry, Trends in Mathematics, dedicated to Ciro Ciliberto, Birkhäuser/Springer, Cham, 2023.*
- [51] **A.F. Lopez**, Varieties with Ulrich twisted normal, conormal or tangent bundles, *Rendiconti del Seminario Matematico. Università e Politecnico di Torino* 82 (2024), no. 1, 201-208.
- [52] **A.F. Lopez, R. Muñoz, J.C. Sierra**, Non-big Ulrich bundles: the classification on quadrics and the case of small numerical dimension, *Manuscripta Mathematica* 174 (2024), 517-533.
- [53] **A.F. Lopez, D. Raychaudhury**, On varieties with Ulrich twisted tangent bundles, *Annali di Matematica Pura ed Applicata* 203 (2024), 1159-1193.
- [54] **V. Antonelli, G. Casnati, A.F. Lopez, D. Raychaudhury**, On varieties with Ulrich twisted conormal bundles. *Proceedings of the American Mathematical Society* 152 (2024), no. 11, 4645-4658.
- [55] **A.F. Lopez, D. Raychaudhury**, On partially ample Ulrich bundles, *Preprint 2024 (arXiv:2403.18928)*.
- [56] **A.F. Lopez, D. Raychaudhury**, Ulrich subvarieties and the non-existence of low rank Ulrich bundles on complete intersections, *Preprint 2024 (arXiv:2405.01154)*.
- [57] **A.F. Lopez, D. Raychaudhury**, Non-existence of low rank Ulrich bundles on Veronese varieties, *Preprint 2024 (arXiv:2406.08162)*.
- [58] **A.F. Lopez**, On varieties with Ulrich twisted normal bundles. *Perspectives on four decades of Algebraic Geometry, volume 2: in Memory of Alberto Collino. Progress in Mathematics, 352, Birkhäuser 2025.*