

LISTĂ LUCRĂRI, CITĂRI ȘI PREZENTĂRI LA CONFERINȚE
dr. GEORGE CIPRIAN MODOI

a) **Articole publicate în reviste din fluxul științific internațional principal (indexate WOS)**

- a1. C. Modoi, *Equivalences induced by adjoint functors*, Communications in Algebra, 31 (2003), 2327–2355.
- a2. A. Marcus, C. Modoi, *Graded endomorphism rings and equivalences*, Communications in Algebra, 31 (2003), 3219–3249.
- a3. G. C. Modoi, *On perfectly generating projective classes in triangulated categories*, Communications in Algebra, 38 (2010), 995–1011.
- a4. G.C. Modoi, *Localizations, colocalizations and non-additive star-objects*, Semigroup Forum, 81 (2010), 510–523.
- a5. G. C. Modoi, *Generalized lax epimorphism in the additive case*, J. Pure Appl. Algebra, 215, issue 4, (2010), 697–704.
- a6. G. C. Modoi, *A representability theorem for some huge abelian categories*, Homology, Homotopy and Applications, 14 (2012), 23–36.
- a7. G. C. Modoi, J. Stovicek, *Brown representability often fails for homotopy category of modules*, J. K-Theory, 9 (2012), 151–160.
- a8. G. C. Modoi, *The dual of Brown representability for homotopy categories of complexes*, J. Algebra, 392 (2013), 115–124.
- a9. G. C. Modoi, *The dual of the homotopy category of projective modules satisfies Brown representability*, B. Lond. Math. Soc., 46 (2014), 765–770.
- a10. G. C. Modoi, *Constructing cogenerators in triangulated categories and Brown representability*, J. Pure Appl. Algebra, 219 (2015), 8, 3214–3224.
- a11. S. Breaz, G. C. Modoi, *Nil-clean companion matrices*, Linear Alg. and Its Appl., 489 (2016), 50–60
- a12. G. C. Modoi, *The dual of Brown representability for some derived categories*, Ark. Mat. 54 (2016), 485–498.

- a13. G. C. Modoi, *Reasonable triangulated categories have filtered enhancements*, Proc. Amer. Math. Soc. 147 (2019), 2761–2773.
- a14. G. C. Modoi, *Constructing large self-small modules*, Stud. Univ. Math. "Babes-Bolyai", 64 (2019), 3–10.
- a15. S. Breaz, G. C. Modoi, *Equivalences induced by infinitely generated silting modules*, Alg. Rep. Theory, 23 (2020), 2113–2129.
- a16. S. Breaz, G. C. Modoi, *Ideal cotorsion theories in triangulated categories*, J. Algebra, 567 (2021), 475–532.
- a17. G. C. Modoi, *Weight structures cogenerated by weak cocompact objects*, Appl. Categ. Struct. 30 (2022) 921–936.
- a18. S. Breaz, A. Marcus, G. C. Modoi, *Support τ -tilting modules and semibricks over group graded algebras*, J. Algebra, 637 (2024), 90–111.
- a19. S. Breaz, M. Hrbek, G. C. Modoi, *Silting, cosilting, and extensions of commutative rings*, Math. Proc. Cambridge Phil. Soc., 180 (2026), 363–388. DOI: <https://doi.org/10.1017/S0305004125101503>.

b) Teze

- b1. G. C. Modoi, *Echivalențe de categorii de module și aplicații*, teză de doctorat domeniul Matematică, Facultatea de Matematică și Informatică, Universitatea Babeș-Bolyai, Cluj-Napoca, îndrumător Profesor Dr. Ioan Purdea, 2003.
- b2. G. C. Modoi, *Some contributions to Brown representability problem*, teza de abilitare, Facultatea de Matematică și Informatică, Universitatea Babeș-Bolyai, Cluj-Napoca, 2018.

c) Cărți

- c1. Gr. Calugăreanu, S. Breaz, C. Modoi, C. Pelea and D. Vălcan, *Exercises in Abelian Group Theory*, Kluwer Academic Publishers, 2003.
- c2. G. C. Modoi, *Echivalențe de categorii cu aplicații în teoria modulelor*,

Editura EFES, Cluj-Napoca, 2006.

- c3. G. C. Miodo, *Contributions to Brown Representability Problem*, Casa Cărții de Știință, Cluj-Napoca, 2022.

d) **Alte lucrări (proceedings, jurnale neindexate WOS etc.):**

- d1. A. Marcus, C. Miodo, *Groups of homomorphisms graded by G -sets*, Italian J. Pure Appl. Math., 8(2000).
- d2. S. Breaz, C. Miodo, *Colimits in the category of A -solvable modules*, Mathematica(Cluj), 42(65), 2000, 121-128.
- d3. S. Breaz, C. Miodo, *Abelian groups such that the class of adstatic modules is closed under submodules*, Mathematica(Cluj), 43(66), 2001, 145–149.
- d4. C. Miodo, *Graded Gabriel topologies*, Proc. Algebra Symposium, (Cluj-Napoca, Romania, nov. 2001), Cluj-Napoca, 2002, 139–148.
- d5. S. Breaz, C. Miodo, *On a quotient category*, Stud. Univ. Babeș-Bolyai Math, XLVII, (2002), 17–29.
- d6. C. Miodo, *Modules over triangulated categories and localizations*, Stud. Univ. Math. "Babes-Bolyai", XLIX, (2004), 49–53.
- d7. C. Miodo, *Compactly generated smashing subcategories*, Mathematica(Cluj), 46(69), no. 2 (2004), 181–186.
- d8. S. Breaz, C. Miodo, *A reformulation of Brown Representability Theorem*, Mathematica(Cluj), 51(74), 2009, 129–133.
- d9. S. Breaz, C. Miodo, F. Pop, *Natural equivalences and dualities*, International Conference in Modules and Representation Theory, Cluj University Press, 2009.
- d10. S. Breaz, G. C. Miodo, *Derived equivalences induced by good silting complexes*, in *Functor Categories Model Theory, Algebraic Analysis and Constructive Methods*, A. Martsinkovsky eds., Springer Verlag, 2024, 1–22.

e) **Preprint-uri**

- e1. G. C. Modoi, *Brown–Adams representability for triangulated categories with locally coherent cohomology*, preprint arXiv:2405.06475[math:CT].

f) **Citări (excluzând autocitățile):**

Lucrarea a1. este citată în:

- f1. L. Angeleri Hügel, S. Bazzoni, *TTF triples in functor categories*, Appl. Categ. Struct., 18 (2010), 585–613.
 f2. C. Pelea, I. Purdea, L. Stanca, *Fundamental relations in multialgebras. Applications*, Eur. J. Combin, 44 (2015), 287–297.
 f3. C. Pelea, I. Purdea, L. Stanca, *Factor multialgebras, universal algebras and fuzzy sets*, Carpath. J. Math. 31 (2015), 111–118.

Lucrarea a2. este citată în:

- f4. J. Chuang, J. Rickard, *A brief introduction to modular representation theory*, in L. Angeleri Hügel, D. Happel, H. Krause eds., *Handbook of Tilting Theory*, London Math. Soc. Lect. Notes, 332, Cambridge Univ. Press, 2007.
 f5. F. Pop, *Closure properties associated to natural equivalences*, Indagationes Math., 24 (2013), 403–411.

Lucrarea a3. este citată în:

- f6. M. Bondarko, *On torsion pairs, (well generated) weight structures, adjacent t -structures, and related (co)homological functors*, preprint arXiv:1611.00754 [math.KT].
 f7. M. Bondarko, *On perfectly generated weight structures and adjacent t -structures*, Math. Z. **300** (2022), 1421–1454.

f8. Lucrarea a4. este citată în:

- f9. C. Pelea, I. Purdea, L. Stanca, *Fundamental relations in multialgebras. Applications*, Eur. J. Combin, 44 (2015), 287–297.
- f10. C. Pelea, I. Purdea, L. Stanca, *Factor multialgebras, universal algebras and fuzzy sets*, Carpath. J. Math. 31 (2015), 111–118.
- f11. J. Dvorník, J. Žemlička, *Autocompact objects of Ab5 categories*, Theory Appl. Cat. **37** (2021), 979–995.
- f12. J. Dvorník, J. Žemlička, *Self-small products of abelian groups*, Comment. Math. Univ. Carolinae, **63** (2022), 145–157.
- f13. J. Dvorník *Structural and categorical description of classes of abelian groups*, PhD. Thesis, Charles University, Prague.
<https://dspace.cuni.cz/handle/20.500.11956/173907>
- f14. J. Dvorník, J. Žemlička, *Connected objects in categories of S-acts*, Semi-group Forum, **105** (2022), 398–425.

Lucrarea a7. este citată în:

- f15. S. Breaz, *Σ -pure injectivity and Brown representability*, Proc. Amer. Math. Soc., 143 (2015), 2789–2794.

Lucrarea a8. este citată în:

- f16. S. Breaz, *Σ -pure injectivity and Brown representability*, Proc. Amer. Math. Soc., 143 (2015), 2789–2794.
- f17. S. Oppermann, C. Psaroudakis, T. Stai, *Partial Serre duality and co-compact objects*, Sel. Math. New Ser. 29, 52 (2023).
<https://doi.org/10.1007/s00029-023-00852-z>.

Lucrarea a10. este citată în:

- f18. M. Bondarko, V. Sosnilo, *On purely generated, α -smashing weight structures and weight exact localizations*, J. Algebra, **535** (2019), 407–455
<https://doi.org/10.1016/j.jalgebra.2019.07.003>.

Lucrarea a11. este citată în:

- f19. S. Breaz, G. Calugareanu, *Sum of nilpotent matrices*, Linear and Multilin. Alg., 65 (2017), 67–78.
- f20. S. Breaz, *Endomorphisms of free modules as sum a four quadratic en-*

- domorphisms*, Linear and Multilin. Alg., **66** (2018), 2215–2217.
- f21. A. Cîmpean, P. Danchev, *Weakly nil-clean index and uniquely weakly nil-clean rings*, Intern. Elect. J. Algebra, 21 (2017) 180–197.
- f22. M. S. Abdolyousefi, H. Chen, *Sums of tripotent and nilpotent matrices*, Bull. Korean Math. Soc. 55 (2018), 913–920.
- f23. A. Cîmpean, P. Danchev. *n-torsion clean and almost n-torsion clean matrix rings*, preprint arXiv:1912.01104[math.RA].
- f24. M. F. Al-Habibi, S. Irawati, H. Susanto, A. Yan Mui Chin, *Sufficient conditions for a Dubrovin valuation ring of a simple artinian ring to be nil-clean*, AIP Conference Proceedings 2192, 040003 (2019), <https://doi.org/10.1063/1.5139129> .
- f25. A. Cîmpean, *m-nil-clean companion matrices*, Elect. J. Linear Alg., 35 (2019), 626–632.
- f26. S. Breaz, S. Megieșan, *Nonderogatory matrices as sums of idempotent and nilpotent matrices*, Linear Alg. Appl., 605 (2020), 239–248.
- f27. J. Cui, Y. Li, H. Wang, *On nil clean group rings*, in press, Commun. Algebra, 49 (2021), 790–796.
- f28. M. Çetin, M.T. Koşan, J. Žemlička, *Unit and idempotent additive maps over countable linear transformations*, preprint, Charles Univ. Prague <https://www2.karlin.mff.cuni.cz/~zemlicka/pdf/idun-shift5.pdf>
- f29. P. Danchev, A. Pojar, *Companion Weakly Periodic Matrices over Finite and Countable Fields*, preprint, arXiv:2301.05612[RA].
- f30. K. Kishore, A. Vasiu, S. Zhan, *Waring problem for matrices over finite fields*, 228, (2024), <https://doi.org/10.1016/j.jpaa.2024.107656>.
- f31. J. Cui, Y. Li, J. Mac Intyre, D. Teeuwsen, *Nil clean group rings over metacyclic groups*, J. Alg. Appl. <https://doi.org/10.1142/S0219498826501677>.
- f32. S. Breaz, *On the Waring Problem for Matrices over Finite Fields*, preprint arXiv:2505.11805 [math.RA].
- f33. P. Danchev, E. García, M. G. Lozano, *Matrices over finite fields of odd characteristic as sums of diagonalizable and square-zero matrices*, Linear Alg. Appl. 730 (2026), 35–50. DOI: <https://doi.org/10.1016/j.laa.2025.10.002>

Lucrarea a12. este citată în:

- f34. S. Breaz, *Σ -pure injectivity and Brown representability*, Proc. Amer. Math. Soc., 143 (2015), 2789–2794.
- f35. C. Psaroudakis, J. Vitoria, *Realization functors in tilting theory*, Math. Z., 288 (2018), 965–1028.
- f36. C. E. Parra, J. Vitoria, *Properties of abelian categories, via recollements*, J. Pure Appl. Alg., 223 (2019), 3941–3963.

Lucrarea a13. este citată în:

- f37. N. Hanihara, *Yoneda algebras and their singularity categories*, Proc. Lond. Math. Soc. 124 (2021), 854–898.
- f38. J. N. Eberhardt, *K-Motives and Koszul Duality*, Bull. Lond. Math. Soc. 54 (2022), 2232–2253.
- f39. J. M. Zhang, *On Shifted-Localized Derivators*, Ph.D. Thesis, UCLA, 2019, available at <https://escholarship.org/uc/item/21v336xx>.
- f40. A. Lorenzin, *Compatibility of t -structures in a semiorthogonal decomposition*, Appl. Categ. Struct. 30 (2022), 755–778.
- f41. J. N. Eberhardt, C. Stroppel, *Motivic Springer Theory*, Indagationes Math. **33** (2022), 190–217.
- f42. M. Bondarko, *On morphism killing weights and stable Hurewicz-type theorems*, J. Inst. Math. Jussieu.
DOI: <https://doi.org/10.1017/S1474748022000470>.
- f43. M. Hrbek, *Topological endomorphism rings of tilting complexes*, J. London Math. Soc., 2024, <https://doi.org/10.1112/jlms.12939>.
- f44. D. Rubinstein, *Stratification of Derived Categories of Tate Motives*, preprint arXiv:2406.13088[AG].

Lucrarea a14. este citată în:

- f45. J. Dvorník, J. Žemlička, *Autocompact objects of $Ab5$ categories*, Theory Appl. Cat. **37** (2021), 979–995.
- f46. J. Dvorník, J. Žemlička, *Self-small products of abelian groups*, Comment. Math. Univ. Carolinae, **63** (2022), 145–157.
- f47. J. Dvorník *Structural and categorical description of classes of abelian groups*, Ph.D. Thesis, Charles University, Prague.
<https://dspace.cuni.cz/handle/20.500.11956/173907>

Lucrarea a15. este citată în:

- f48. F. Pop, *Finitely cosilting modules*, preprint arXiv:1712.00817 [math.RA].
- f49. L. Angeleri Hügel, *Silting objects*, Bull. Lond. Math. Soc., **51** (2019), 658–690.
- f50. S. Breaz, *The ascent-descent property for 2-term silting complexes*, Publ. Mat. **64** (2020) 543–562.
<https://www.jstor.org/stable/27213498>
- f51. R. Vahed, *A relative silting theorem*, Appl. Cat. Struct. **30** (2022) 593–610, DOI: <https://doi.org/10.1007/s10485-021-09667-5>.
- f52. R. Zhu, J. Wei, *Recollements induced by good (co)silting dg-modules*, Czech. Math. J. (2023). <https://doi.org/10.21136/CMJ.2023.0372-21>
- f53. Z. Xie, D. Yang, H. Zhang, *A differential graded approach to the silting theorem*, J. Pure Appl. Alg. (2023)
<https://doi.org/10.1016/j.jpaa.2022.107180>
- f54. Q. Yuan, H. Yao, *Tor-tilting and weak silting theories in comodule categories*, J. Alg. Appl. 2024, <https://doi.org/10.1142/S0219498825503529>.
- f55. Q. Wang, H. Zhu, *Construct ideal cotorsion pairs by recollement of triangulated categories*, preprint arXiv:2406.00417[CT].

Lucrarea a16. este citată în:

- f56. S. Breaz, J. Žemlička, *Torsion classes generated by silting modules*, Arkiv Mat. **56** (2018), 15–32.
- f57. T. Zhao, Z. Huang, *Phantom Ideals and Cotorsion Pairs in Extriangulated Categories*, Taiwanese J. Math., **23** (2019), 29–61.
- f58. J. Assadollahi, S. Sadeghi, *Higher ideal approximation theory*, Trans. Amer. Math. Soc. (2022), DOI: <https://doi.org/10.1090/tran/8562>.
- f59. L. Tan, D. Wang, T. Zhao, *Ideal approximation in n -angulated categories*, preprint arXiv:2012.03398[math.RA].
- f60. R.-L. Baillargeon, T. Brüstle, M. Gorsky, S. Hassoun, *On the lattices of exact and weakly exact structures*, J. Alg. **612** (2022), 77–109.
- f61. H. Zhu, B. Du, Q. Wang, *Ideal cotorsion pairs over one point extensions*, Appl. Math. J. Chin. Univ. **37** (2022), 213–227.
- f62. M. Gorsky, H. Nakaoka, Y. Palu, *Positive and negative extensions in*

extriangulated categories, preprint arXiv:2103.12482.

- f63. Y. Wang, J. Wei, *Ideal approximation in n -exangulated categories*, preprint arXiv:2207.13465[math.CT].
- f64. Y. Zhang, B. Zhu, *Ideal mutations in triangulated categories and generalized Auslander-Reiten theory*, J. Algebra, 644 (2024), 191–221.
- f65. R. Xu, X. Fu, *Ideal balanced pairs in extriangulated categories*, Sci. China Math. 2024, <https://doi.org/10.1007/s11425-022-2221-8>.
- f66. Q. Wang, H. Zhu, *Construct ideal cotorsion pairs by recollement of triangulated categories*, preprint arXiv:2406.00417[math.CT].
- f67. H.Y. Zhu, X.H. Fu, I. Herzog, K. Schlegel, *0-Dimensional Ideal Approximation Theory*, preprint arXiv:2502.04665v1 [math.RT]
- f68. D. Sun, Z. Tan, Q. Wang, H. Zhu, *Ideal approximation theory in Frobenius categories*, preprint arXiv:2502.11146[math.CT].
- f69. R.R. Xu, X.H. Fu, B.J. Gao, M.Y. Sun; *Ideal approximation theory in extriangulated categories*, J. Algebra, 687 (2026), 446–476. <https://doi.org/10.1016/j.jalgebra.2025.08.035>
- f70. Y. Zhang; *Ghost Lemma—an idealized version*, Communications in Algebra, (2026). <https://doi.org/10.1080/00927872.2025.2587194>

Lucrarea a17. este citată în:

- f71. S. Oppermann, C. Psaroudakis, T. Stai, *Partial Serre duality and co-compact objects*, Sel. Math. New Ser. 29, 52 (2023). <https://doi.org/10.1007/s00029-023-00852-z>.

Lucrarea a18. este citată în:

- f72. R. Koshio, Y. Kozakai, *Normal subgroups and support τ -tilting modules*, J. Math. Soc. Japan **76**(40 (2024) 1279–1305.
- f73. Y. Kimura, R. Koshio, Y. Kozakai, H. Minamoto, Y. Mizuno, *τ -tilting theory and silting theory of skew group algebra extensions*, preprint arXiv:2407.06711 [math.RT].

Lucrarea a19. este citată în:

- f74. A. B. Yassine, J. Trlifaj, *Flat relative Mittag-Leffler modules and Zariski locality*, J Pure Appl. Alg. 229 (2025), <https://doi.org/10.1016/j.jpaa.2024.107834>.
- f75. T. Lysoněk, *Local properties of modules*, PhD Thesis, Charles Univ.

- Prague, <https://dspace.cuni.cz/handle/20.500.11956/175437>.
- f76. M. Hrbek, G. Le Gros, *Restricted Injective Dimensions over Cohen-Macaulay Rings*, Alg. Represent. Theory (2024).
<https://doi.org/10.1007/s10468-024-10262-0>.
- f77. M. Hrbek, L. Martini, *Product-complete tilting complexes and Cohen-Macaulay hearts*, Rev. Mat. Iberoam., <http://doi.org/10.4171/RMI/1500>.
- f78. S. Breaz, *On a characterization of (co) silting objects*, J. Pure Appl. Alg., 228 (2024), <https://doi.org/10.1016/j.jpaa.2024.107705>.
- f79. J. Trlifaj, *Flat Mittag-Leffler modules, and their relative and restricted versions*, in *Functor Categories Model Theory, Algebraic Analysis and Constructive Methods*, A. Martsinkovsky eds., Springer Verlag, 2024, 223–248.
- f80. M. Hrbek, S. Pavon, J. Vitória, *Mutation and the Gabriel spectrum*, preprint arXiv:2503.16226[math.RT].
- f81. R. Zhu, J. Wei, Z. Di, *Silting objects under special base changes*, J. Alg. **668** (2025), 208–232.
- f82. L. Positselski, *Pseudo-dualizing complexes of torsion modules and semi-infinite MGM duality*, preprint arXiv:2511.04571 [math.AC].
- Lucrarea c1. este citată în:
- f83. I. Purdea, C. Pelea, *Probleme de algebră*, Editura EFES, Cluj-Napoca, 2005.
- f84. J. Dvornák, *On products of self-small abelian groups*, Stud. Univ. Babeş-Bolyai Math., 60 (2015), 13–17.
- f85. V. Totik, *On a problem of Mityagin*, J. Approx. Theory, 218 (2017), 1–8.
- f86. R. Andruszkiewicz, M. Woronowicz, *On a square subgroup of a mixed SI-group*, Proc. Edinburgh Math. Soc., 61 (2018), 295–304.
- f87. S. Akbari, B. Miraftab, R. Nikandish, *Co-maximal graphs of subgroups of groups*, Canad. Math. Bull., 60 (2017), 12–25.
- f88. F. Pop, C. Vălculescu, *A Note on Direct Products and Ext^1 Contravariant Functors*, Bull. Malaysian Math. Sci., 39 (2016), 173–180.
- f89. S. Breaz, *Warfield dualities induced by self-small mixed groups*, J. Group

Theory, 13 (2010), 391–409.

- f90. S. Crivei, S. Şuteu Szölloşi, *Subgroup lattice algorithms related to extending and lifting abelian groups*, Int. Elect. J. Alg., 2 (2007), 54–70.
- f91. S. Breaz, *On a theorem of Stelzer for some classes of mixed groups*, Mediterranean J. Math., 19 (2022).
- f92. B. A. Subaiei, M. A. Nuwairan, *A Gentle Introduction to Group Theory*, Textbook, Springer, 2023.
- f93. J. Tongsomporn, N. Aksornthong, *Hyers–Ulam–Rassias Stability of Generalized Quadratic Functional Equation on Non-Archimedean Normed Space over p -Adic Numbers*, Symmetry 17(10) 2025, 1651.
DOI: <https://doi.org/10.3390/sym17101651>

Lucrarea d5. este citată în:

- f94. U. Albrecht, S. Breaz, W. Wickless, *The finite quasi-Baer property*, J. Algebra, 293 (2005), 1–16.
- f95. S. Breaz, *The quasi-Baer splitting property for mixed abelian groups*, J. Pure Appl. Alg., 191 (2004), 75–87.
- f96. S. Breaz, *Quasi-decompositions of self small abelian groups*, Comm. Algebra, 32 (2004), 1373–1384.
- f97. S. Breaz, *Self-small abelian groups as modules over their endomorphism rings*, Comm. Algebra, 31 (2003), 4911–4924.
- f98. S. Breaz, *A Morita type theorem for a sort of quotient categories*, Czech. Math. J., 55 (2005), 133–144.
- f99. F. Pop, *Natural dualities between abelian categories*, Central Eur. J. Math., 9 (2011), 1088–1099.

Lucrarea d9. este citată în:

- f100. F. Pop, *Closure properties associated to natural equivalences*, Indagationes Math., 24 (2013), 403–411.
- f101. F. Pop, *Natural dualities between abelian categories*, Central Eur. J. Math., 9 (2011), 1088–1099.
- f102. F. Pop, *Coplexes in abelian categories*, Stud. Univ. Babeş-Bolyai Math., 62 (2017), 3–13.

Lucrarea d10. este citată în:

- f103. F. Pop, *Finitely cosilting modules*, preprint arXiv:1712.00817 [math.RA].
- f104. R. Zhu, J. Wei, *Recollements induced by good (co)silting dg-modules*, Czech. Math. J. (2023). <https://doi.org/10.21136/CMJ.2023.0372-21>
- f105. Z. Xie, D. Yang, H. Zhang, *A differential graded approach to the silting theorem*, J. Pure Appl. Alg. (2023) <https://doi.org/10.1016/j.jpaa.2022.107180>.
- f106. M. Hrbek, *Topological endomorphism rings of tilting complexes*, J. London Math. Soc., 2024, <https://doi.org/10.1112/jlms.12939>.

g) Prezentări la conferințe și la seminarii de cercetare (selecție)

- g1. *Graded rings and graded equivalences*, research seminar, October 2001, Friedrich Schiller University, Jena, Germany.
- g2. *Brown Representability and Duality*, research seminar, May 2006, University Paris 7, Denis Diderot, France.
- g3. *When does a functor induce an abelian localization?*, Abelian Groups and Modules Over Commutative Rings, June 2007, University of Connecticut, Storrs, CT, USA.
- g4. *Cellular approximations in abelian categories*, research seminar, November 2007, Charles University, Prague, Czech Republic.
- g5. *A reformulation of Brown Representability Theorem and some consequences*, research seminar, October 2008, University of Paderborn, Germany.
- g6. *Brown representability via projective classes*, Some Trends in Algebra, September 2009, Prague, Czech Republic.
- g7. *Approximations in homotopy category and Brown representability*, research seminar, September 2010, University of Padova, Italy.
- g8. *A module theoretic translation of Brown representability for homotopy categories*, Classical Aspects of Ring Theory and Module Theory, July 2013, Bedlewo, Poland.

- g9. *Some applications of deconstructibility in triangulated categories*, Some Trends in Algebra, September 2013, Prague, Czech Republic.
- g10. *On a theorem of G. Bergman*, research seminar, October 2013, Charles Univ. Prague, Czech Republic.
- g11. *Salce's lemma in triangulated categories*, Algebraic Structures and Their Applications, June, 2014, Spineto (Siena), Italy.
- g12. *Ideal cotorsion pairs in triangulated categories I*, research seminar, November 2014, Charles Univ. Prague, Czech Republic.
- g13. *Derived equivalences induced by silting complexes*, ICRA 2017, July 2017, Syracuse, NY, USA.
- g14. *Co-t-structures cogenerated by weak cocompact objects*, Two weeks of silting theory, July-August 2019, Stuttgart University, Germany.
- g15. *Constructing TTF triples in triangulated categories via approximations*, Rings, Modules and Approximations, January 2020, Prague, Czech Republic (speaker).
- g16. *Not necessarily compact approximability via silting theory*, Functor Categories, Model Theory, and Constructive Category Theory, July 2022, University of Almeria, Spain.
- g17. *Migration of silting-like properties via adjoint pairs*, online MALGA Seminar, Padova-Verona, February 2023
<http://profs.sci.univr.it/~angeleri/seminario.html>

h) Coorganizator la următoarele conferințe:

- h1. International Conference on "Modules and Representation Theory", Babes-Bolyai University Cluj-Napoca, July 7-12, 2008.
- h2. Algebra Symposium, Babeș-Bolyai University, May 2009.
- h3. Algebra Symposium, Babeș-Bolyai University, April 2013.

Februarie, 2026

George Ciprian Modoi