



ASSIST.PROF. SERKAN SÜTLÜ
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- 1. Name** : Serkan SÜTLÜ
2. Birth Date : 28.11.1981
3. Academic Title : Assistant Professor
4. Education :

DATES	DEGREE	UNIVERSITY	DEPARTMENT
2000-2004	BS	Sakarya University	Mathematics
2005-2007	MS	Boğaziçi University	Mathematics
2009-2013	PhD	University of New Brunswick	Mathematics & Statistics

5. Academic Titles

YEAR	TITLE	UNIVERSITY	DEPARTMENT
2015	Assist. Prof.	Işık University	Mathematics

6. Supervised MS and PhD Theses

6.1. MS Theses

6.2. PhD Theses

7. Publications

7. 1. Journal Publications (SCI-Expanded)

- * Hopf-dihedral (co)homology and L-theory,
arxiv:1511.08937, (2015), (with A. Kaygun, to appear in *J. Noncommut. Geom.*)
- * Acharacteristic map for compact quantum groups,
arxiv:1507.07041, (2015), (with A. Kaygun, to appear in *J. Homotopy Relat. Struct.*)
- * Hochschild cohomology of reduced incidence algebras,
J. Algebra Appl., 16, (2017), no.5, 1750168, 18 pp, (with A. Kaygun & M. Kanuni Er)
- * Lagrangian dynamics on matched pairs,
J. Geom. Phys., 111, (2017), 142–157, (with O. Esen)
- * Hamiltonian dynamics on matched pairs,
Int. J. Geom. Methods Mod. Phys., 13, (2016), no.10, 1650128, 24 pp, (with O. Esen)
- * Hopf-cyclic cohomology of quantum enveloping algebras,
J. Noncommut. Geom., 10, (2016), no.2, 429–446, (with A. Kaygun)
- * Characteristic classes of foliations via SAYD-twisted cocycles,
J. Noncommut. Geom., 9, (2015), no.3, 965–998, (with B. Rangipour)
- * Cyclic homology of Hom-associative algebras,
J. Geom. Phys., 98, (2015), 40–56, (with I. Shapiro & M. Hassanzadeh)
- * Cyclic homology and quantum orbits,
SIGMA, 11, (2015), no.041, 27 pp, (with T. Maszczyk)
- * SAYD modules over Lie-Hopf algebras,
Comm. Math. Phys., 316, (2012), no.1, 199–236, (with B. Rangipour)
- * Cyclic cohomology of Lie algebras,
Doc. Math., 17, (2012), 483–515, (with B. Rangipour)
- * A van Est isomorphism for bicrossed product Hopf algebras,
Comm. Math. Phys., 311, (2012), no.2, 491–511, (with B. Rangipour)

7.2. Journal Publications (Non SCI-Expanded)

7.3. International Conference Papers

7.4. Book Chapters

7.5. National Journal Publications

7.6. National Conference Papers

7.7. Other Publications

- * Topological Hopf algebras and their Hopf-cyclic cohomology,
arxiv:1504.06834, (2015), (with B. Rangipour)
- * Hopf-cyclic cohomology, Weil algebra, and characteristic classes,
Mathematisches Forschungsinstitut Oberwolfach Report No: 45/2011
DOI: 10.4171/OWR/2011/45, (with B. Rangipour)

* Hopf-cyclic cohomology of bicrossed product Hopf algebras,
arxiv:1305.5854, (2013), *PhD Thesis*.

* Lie-Hopf algebras and their Hopf-cyclic cohomology,
arxiv:1012.4827, (2011), (*with B. Rangipour*)

8. Research Projects

9. Administrative Positions and Employment History

9.1. Administrative Positions

9.2. Employment History

DATES	TITLE	UNIVERSITY/ INSTITUTION	DEPARTMENT
2006-2009	Research Assistant	Doğuş University	Mathematics
2009-2013	Research Assistant	University of New Brunswick	Mathematics & Statistics
2013-2015	Lecturer	Yeditepe University	Mathematics
2014-2015	Lecturer	Özyeğin University	Mathematics
2015-	Assist.Prof.	Işık University	Mathematics

10. Scientific and Professional Membership

11. Awards and Honours

*Atlantic Algebra Center CRG Graduate Prize (First Prize) - 2011/2012

12. Courses Taught (Last Two Years)

- * Calculus - I
- * Calculus - II
- * Multivariable Calculus & Differential Equations
- * Linear Algebra

13. Other Academic and Scientific Activities

13.1. Reviewer Activities (SCI-Expanded Journals)

- *Hacettepe Journal of Mathematics & Statistics
- *New York Journal of Mathematics

13.2. Editorship (SCI-Expanded Journals)

13.3. Conference, Workshop & Colloquium Presentation

- * Noncommutative Geometry The Next Generation - Cyclic Homology, October 2016, IMPAN, Warsaw, POLAND
Title: *A characteristic map for compact quantum group algebras*
- * 14th International Geometry Symposium, May 2016, Pamukkale University, Denizli, TURKEY
Title: *Lagrangian dynamics on matched pairs*
- * Department Colloquium, April 2016, İstanbul University, Mathematics Department, İstanbul, TURKEY
Title: *Hochschild cohomology of reduced incidence algebras*
- * Department Colloquium, October 2014, Boğaziçi University, Mathematics Department, İstanbul, TURKEY
Title: *Hopf-cyclic cohomology of QUE algebras*
- * Department Colloquium, October 2014, Mimar Sinan Fine Arts University, Mathematics Department, İstanbul, TURKEY
Title: *Hopf-cyclic cohomology of quantized enveloping algebras*
- * From Poisson Brackets to Universal Quantum Symmetries, IMPAN, Warsaw, POLAND, August 18th - 22nd, 2014
Title: *Hopf-cyclic cohomology of quantum enveloping algebras*
- * Department Colloquium, March 2014, Galatasaray University, Mathematics Department, İstanbul, TURKEY
Title: *Characteristic classes of foliations via SAYD-twisted cocycles*
- * Department Colloquium, November 2013, Yeditepe University, Mathematics Department, İstanbul, TURKEY
Title: *Hopf-cyclic cohomology of the Connes-Moscovici Hopf algebras*
- * Focus Program on Noncommutative Geometry and Quantum Groups (Theme Week on Quantum Groups and Hopf-cyclic Homology), Fields Institute, June 10th - June 14th, 2013, Toronto, ON, CANADA
Title: *On the characteristic classes of symplectic foliations via Hopf-cyclic cocycles*
- * Algebra Seminar, Memorial University of Newfoundland, November 21th, 2012, St. John's, NL, CANADA
Title: *Hopf-cyclic cohomology of bicrossed product Hopf algebras*
- * Workshop on Noncommutative Geometry and Algebraic Geometry, UNB, September 8th - September 9th, 2012, Fredericton, NB, CANADA
Title: *Relative cyclic homology of quantum homogeneous spaces*
- * Workshop on Noncommutative Geometry and Algebraic Geometry, Fields Institute, September 6th - September 7th, 2012, Toronto, ON, CANADA
Title: *Characteristic classes of Γ -foliations*
- * Department Colloquium, December 2011, UNB, Department of Mathematics & Statistics, Fredericton, NB, CANADA
Title: *Cyclic cohomology of algebras and the pairing with K-theory*
- * Department Colloquium, January 2011, UNB, Department of Mathematics & Statistics, Fredericton, NB, CANADA
Title: *Groups, Lie algebras and Hopf algebras - From the noncommutative geometry point of view*

- * Mini-School on Noncommutative Geometry, IMPAN, Warsaw, POLAND, September 27th - October 1st, 2010
Title: *Crossed product Hopf algebras*
- * CMS Summer Meeting, NCG Session, Fredericton, NB, CANADA, June 4th - June 6th, 2010
Title: *Connes-Moscovici Hopf algebras associated to Lie algebras*

13.4 Conferences & Workshops (Co)organized

- * International Centre for Pure and Applied Mathematics (CIMPA) Summer Research School, Leavitt Path Algebras and Graph C^* -algebras, Nesin Mathematics Village, Şirince - İzmir, TURKEY, 29 June - 12 July, 2015

13.5 Conferences & Workshops Attended

- * Noncommutative Geometry The Next Generation - Master Classes: *Cyclic Homology, Noncommutative Index Theory, Topological Quantum Groups and Hopf Algebras, Structure and Classification of C^* -Algebras*, September 2016, Bedlewo & Warsaw, POLAND
- * The Ninth Annual NCGOA Spring Institute, Index Theory and Hopf Algebras, May 9th - May 18th, 2011, Nashville, TN, US
- * Mini-School on Noncommutative Geometry, September 27th - October 1st, 2010, Warsaw, POLAND
- * Satellite Workshop on Noncommutative Geometry, Fredericton, June 7th - June 9th, 2010, NB, CANADA

14. Research Interests

- * Noncommutative geometry
- * Hopf algebras
- * Quantum groups
- * Homological algebra