

Asst. Prof. Handan YILDIRIM

Personal Information

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Education Information

Doctorate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Matematik Anabilim Dalı, Turkey 2006 - 2010

Postgraduate, İstanbul Üniversitesi, Institute of Graduate Studies In Sciences, Matematik Anabilim Dalı, Turkey 2003 - 2006

Undergraduate Double Major, İstanbul Üniversitesi, Faculty of Science, Department of Physics, Turkey 2001 - 2004

Undergraduate, İstanbul Üniversitesi, Faculty of Science, Department of Mathematics, Turkey 1999 - 2003

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, 3-Boyutlu Lorentz Uzayında Uzay Hareketleri ve Holditch-Tipi Teoremler, İstanbul University, Institute of Graduate Studies In Sciences, Matematik Anabilim Dalı,, 2010

Postgraduate, Chen Eşitsizlikleri ve Bazı Uzay Formlarına Uygulamaları , İstanbul University, Institute of Graduate Studies In Sciences, Matematik Anabilim Dalı,, 2006

Research Areas

Mathematics, Differential Geometry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, İstanbul University, Faculty of Science, Department of Mathematics, 2018 - Continues

Assistant Professor, İstanbul University, Faculty of Science, Department of Mathematics, 2017 - 2018

Associate Professor, İstanbul University, Faculty of Science, Department of Mathematics, 2017 - 2017

Assistant Professor, İstanbul University, Faculty of Science, Department of Mathematics, 2011 - 2017

Research Assistant PhD, İstanbul Üniversitesi, Faculty of Science, Department of Mathematics, 2010 - 2011

Research Assistant, İstanbul Üniversitesi, Faculty of Science, Department of Mathematics, 2003 - 2010

Academic and Administrative Experience

Erasmus Coordinator, Istanbul University, Faculty Of Science, Department Of Mathematics, 2018 - 2019

İstanbul Üniversitesi, Faculty of Science, Department of Mathematics, 2013 - 2015

İstanbul Üniversitesi, Faculty of Science, Department of Mathematics, 2009 - 2014

Courses

Rieman Geometrisi, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020

Analitik Geometri (İkinci Öğretim), Undergraduate, 2012 - 2013, 2013 - 2014, 2020 - 2021

Mathematics II, Undergraduate, 2019 - 2020

Analitik Geometri (Örgün Öğretim), Undergraduate, 2012 - 2013, 2020 - 2021

Diferansiyel Geometri II (İkinci Öğretim), Undergraduate, 2012 - 2013, 2016 - 2017, 2018 - 2019, 2019 - 2020

Analitik Geometri (Örgün Öğretim), Undergraduate, 2020 - 2021

Diferansiyel Geometri II (Örgün Öğretim), Undergraduate, 2012 - 2013, 2018 - 2019, 2019 - 2020

Danışmanlık, Postgraduate, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020, 2020 - 2021

Differential Geometry I (Örgün Öğretim), Undergraduate, 2019 - 2020

Tekillik Teorisinin Diferansiyel Geometriye Uygulamaları II, Postgraduate, 2018 - 2019

Differential Equations I (Örgün Öğretim), Undergraduate, 2019 - 2020

Differential Geometry I (İkinci Öğretim), Undergraduate, 2019 - 2020

Diferansiyel Geometri I (İkinci Öğretim) (Sınav Hakkı), Undergraduate, 2018 - 2019

Contact Geometry, Postgraduate, 2017 - 2018

İleri Yüzeyler Teorisi (Örgün Öğretim), Undergraduate, 2017 - 2018

Diferansiyel Geometri I (Örgün Öğretim), Undergraduate, 2013 - 2014, 2018 - 2019

Lorentzian Geometry, Postgraduate, 2018 - 2019

Diferansiyel Geometri I (Örgün Öğretim), Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019

Geometri, Undergraduate, 2018 - 2019

Tensör Hesabı, Postgraduate, 2013 - 2014, 2018 - 2019

İleri Yüzeyler Teorisi (İkinci Öğretim), Undergraduate, 2017 - 2018

Analysis II, Undergraduate, 2016 - 2017, 2017 - 2018

Tekillik Teorisinin Diferansiyel Geometriye Uygulamaları I, Postgraduate, 2018 - 2019

English for Students of Mathematics I, Undergraduate, 2018 - 2019

Diferansiyel Geometri I (İkinci Öğretim), Undergraduate, 2017 - 2018

Reading and Translation in Science II (İkinci Öğretim), Undergraduate, 2016 - 2017

Calculus II, Undergraduate, 2016 - 2017

Analysis I, Undergraduate, 2016 - 2017, 2017 - 2018

Reading and Translation in Science I (İkinci Öğretim), Undergraduate, 2016 - 2017

Diferansiyel Geometri I (İkinci Öğretim), Undergraduate, 2013 - 2014

Analitik Geometri (Örgün Öğretim), Undergraduate, 2013 - 2014

İntegral Hesap (Örgün Öğretim), Undergraduate, 2012 - 2013

İntegral Hesap (İkinci Öğretim), Undergraduate, 2012 - 2013

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

I. On the 3-Parameter Spatial Motions in Lorentzian 3-Space

Yildirim H., Kuruoglu N.

FILOMAT, vol.32, no.4, pp.1183-1192, 2018 (Journal Indexed in SCI)

II. Slant Ruled Surfaces and Slant Developable Surfaces of Spacelike Curves in Lorentz-Minkowski 3-space

Yildirim H.

- FILOMAT, vol.32, pp.4875-4895, 2018 (Journal Indexed in SCI)
- III. **delta(#)(2;2)-Ideal Centroaffine Hypersurfaces of Dimension 5**
Yildirim H., Vrancken L.
TAIWANESE JOURNAL OF MATHEMATICS, vol.21, no.2, pp.283-304, 2017 (Journal Indexed in SCI)
- IV. **On the geometry of complex (κ, μ)-spaces**
Yildirim H.
MATHEMATISCHE NACHRICHTEN, vol.289, pp.2312-2322, 2016 (Journal Indexed in SCI)
- V. **On Conformally Flat Almost Contact Metric Manifolds**
Blair D. E., Yildirim H.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.13, no.5, pp.2759-2770, 2016 (Journal Indexed in SCI)
- VI. **Bochner flatness of tangent bundles with g-natural almost Hermitian metrics**
Blair D. E., Yildirim H.
ANNALS OF GLOBAL ANALYSIS AND GEOMETRY, vol.49, no.3, pp.259-269, 2016 (Journal Indexed in SCI)
- VII. **Slant geometry on spacelike submanifolds of codimension two in Lorentz-Minkowski space**
Izumiya S., Yildirim H.
JOURNAL OF GEOMETRY AND PHYSICS, vol.98, pp.160-180, 2015 (Journal Indexed in SCI)
- VIII. **Classification of ideal submanifolds of real space forms with type number ≤ 2**
Chen B., Yildirim H.
JOURNAL OF GEOMETRY AND PHYSICS, vol.92, pp.167-180, 2015 (Journal Indexed in SCI)
- IX. **Legendrian dual surfaces in hyperbolic 3-space**
Saji K., Yildirim H.
ANNALES POLONICI MATHEMATICI, vol.115, no.3, pp.241-261, 2015 (Journal Indexed in SCI)
- X. **Extensions of the mandala of Legendrian dualities for pseudo-spheres in Lorentz-Minkowski space**
Izumiya S., Yildirim H.
TOPOLOGY AND ITS APPLICATIONS, vol.159, no.2, pp.509-518, 2012 (Journal Indexed in SCI)
- XI. **Slant geometry of spacelike hypersurfaces in hyperbolic space and de Sitter space**
Asayama M., Izumiya S., Tamaoki A., Yildirim H.
REVISTA MATEMATICA IBEROAMERICANA, vol.28, no.2, pp.371-400, 2012 (Journal Indexed in SCI)
- XII. **Slant geometry of spacelike hypersurfaces in the lightcone**
Izumiya S., Yildirim H.
JOURNAL OF THE MATHEMATICAL SOCIETY OF JAPAN, vol.63, no.3, pp.715-752, 2011 (Journal Indexed in SCI)
- XIII. **HOLDITCH THEOREM FOR THE CLOSED SPACE CURVES IN LORENTZIAN 3-SPACE**
Yildirim H., YÜCE S., Kuruoglu N.
ACTA MATHEMATICA SCIENTIA, vol.31, no.1, pp.172-180, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Minimal Submanifolds of Constant Sectional Curvature Isometrically Immersed in a Riemannian Space Form**
YILDIRIM H.
International Journal of Pure and Applied Mathematics, vol.36, no.4, pp.419-426, 2007 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Singularities of Legendrian non-flat dual surfaces in hyperbolic 3-space**
Yildirim H.
X International Meeting on Lorentzian Geometry, GeLoCor 2021, Cordoba, Spain, 1 - 05 February 2021, pp.26-27
- II. **On applications of Chen's invariants to centroaffine differential geometry**

- YILDIRIM H.
Differential Geometry in Honor of Udo Simon's 80th Birthday, Poznan, Poland, 8 - 09 September 2018, pp.10
- III. **About Legendrian non-flat dual surfaces of a spacelike curve in the lightcone**
YILDIRIM H.
IX International Meeting on Lorentzian Geometry, Varsova, Poland, 17 - 24 June 2018, pp.23-24
- IV. **About slant geometry of spacelike submanifolds at least codimension two in de Sitter space**
YILDIRIM H.
XX Geometrical Seminar, Vrnjacka Banja, Serbia And Montenegro, 20 - 23 May 2018, pp.129-130
- V. **Timelike slant geometry on spacelike submanifolds of codimension two**
YILDIRIM H.
International Conference on Applied and Pure Mathematics, Iasi, Romania, 2 - 05 November 2017, pp.23
- VI. **About Legendrian Flat Dual Surfaces in Hyperbolic 3-Space**
YILDIRIM H.
Pure and Applied Differential Geometry - PADGE 2017, Leuven, Belgium, 21 - 25 August 2017, pp.19
- VII. **Bochner, Conformal and Conharmonic Flatness of Complex (κ, μ) -Spaces**
YILDIRIM H.
15th International Geometry Symposium, Amasya, Turkey, 3 - 06 July 2017, pp.263
- VIII. **$\delta^{\sharp(2,2)}$ -ideal hypersurfaces of dimension 5 in centroaffine differential geometry**
YILDIRIM H.
Differential Geometry, Poznan, Poland, 19 - 23 June 2017, pp.33-34
- IX. **Some results on conformally flat almost contact metric manifolds**
YILDIRIM H.
Conference XIX Geometrical Seminar, Zlatibor, Serbia And Montenegro, 28 August - 04 September 2016, pp.87
- X. **A note on conformally flat almost contact metric manifolds**
YILDIRIM H.
Spring Western Sectional Meeting (#1110) of the American Mathematical Society, Las Vegas, United States Of America, 18 - 19 April 2015, pp.104
- XI. **On conformally flat almost $C(\alpha)$ -manifolds**
YILDIRIM H.
Central Spring Sectional Meeting (#1108) of the American Mathematical Society, East Lansing, United States Of America, 14 - 15 March 2015, pp.142
- XII. **ϕ -hyperbolic duals of spacelike hypersurfaces in the lightcone as wave front sets**
YILDIRIM H.
Fall Western Sectional Meeting (#1104) of the American Mathematical Society, San Francisco, United States Of America, 25 - 26 October 2014, pp.88
- XIII. **On Slant Ruled Surfaces and Slant Developable Surfaces**
YILDIRIM H.
Workshop on Singularities, Geometry, Topology and Related Topics, Changchun, China, 1 - 03 September 2014, pp.10
- XIV. **Spacelike Slant Geometry on Spacelike Submanifolds of Codimension Two**
YILDIRIM H.
The 13th International Workshop on Real and Complex Singularities, São Carlos, Brazil, 27 July - 01 August 2014, pp.13
- XV. **On Slant Geometry of Spacelike Surfaces in the Lightcone**
IZUMIYA S., YILDIRIM H.
XII. Geometry Symposium, Bilecik, Turkey, 23 - 26 June 2014, pp.101
- XVI. **Hyperbolic Monge Forms in Sense of Slant Geometry**
YILDIRIM H.
XVIII Geometrical Seminar, Vrnjacka Banja, Serbia And Montenegro, 25 - 28 May 2014, pp.113-114
- XVII. **Spacelike De Sitter Monge Forms in Sense of Slant Geometry**
YILDIRIM H.

- 13th Serbian Mathematical Congress, Vrnjacka Banja, Serbia And Montenegro, 22 - 25 May 2014, pp.98
- XVIII. **On ideal submanifolds of real space forms with the number ≤ 2**
 YILDIRIM H.
 Riemannian Geometry and Applications to Engineering and Economics RIGA 2014, Bucharest, Romania, 19 - 21 May 2014, pp.25
- XIX. **Some Notes on Slant Geometry of Spacelike Hypersurfaces in the Pseudo-Spheres in Lorentz-Minkowski Space**
 YILDIRIM H.
 Differential Geometry and Its Applications DGA2013, Brno, Czech Republic, 19 - 23 August 2013, pp.59-60
- XX. **Contacts of Spacelike Hypersurfaces in the Lightcone with φ -Hyperbolic Flat Hyperquadrics**
 YILDIRIM H.
 XVII Geometrical Seminar, Zlatibor, Serbia And Montenegro, 3 - 08 September 2012, pp.87-88
- XXI. **Some Applications of the Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space**
 YILDIRIM H., Izumiya S.
 XVIII EBT: 18th Brazilian Topology Meeting, Aguas De Lindoia, São Paulo, Brazil, 29 July - 03 August 2012, pp.42
- XXII. **One-Parameter Families of Extrinsic Differential Geometries on Hypersurfaces in Hyperbolic Space**
 YILDIRIM H.
 12th International Workshop on Real and Complex Singularities, São Carlos, Brazil, 22 - 27 July 2012, pp.21-22
- XXIII. **One-Parameter Families of Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space**
 YILDIRIM H.
 Workshop on Geometry and Singularity Theory in South Hokkaido, Muroran, Japan, 19 - 20 May 2012, pp.7
- XXIV. **Contact of Spacelike Hypersurfaces in the Lightcone with ϕ -de Sitter Flat Hyperquadrics**
 YILDIRIM H.
 18o Encuentro de Topología, Sevilla, Spain, 21 - 22 October 2011, pp.6
- XXV. **Slant Geometry of Spacelike Hypersurfaces in the Lightcone with respect to the ϕ -Hyperbolic Duals**
 YILDIRIM H., Izumiya S.
 VI International Meeting on Lorentzian Geometry, Granada, Spain, 6 - 09 September 2011, pp.41
- XXVI. **3-Boyutlu Lorentz Uzayında 1-Parametrelili Kapalı Hareketler Altında Holditch-Tipi Teoremler'in Bazı Sonuçları**
 YILDIRIM H., Kuruoğlu N.
 IX. Geometri Sempozyumu, Samsun, Turkey, 7 - 10 June 2011, pp.40
- XXVII. **Slant Geometry of Spacelike Hypersurfaces in the Lightcone with respect to the ϕ -de Sitter Duals**
 Izumiya S., YILDIRIM H.
 Workshop on Singularities in Geometry and Applications, Poznan, Poland, 15 - 21 May 2011, pp.35-36
- XXVIII. **On the Polar Moment of Inertia under the 1-Parameter Closed Homothetic Motions in Lorentzian 3-Space**
 YILDIRIM H., Yüce S., Kuruoğlu N.
 International Congress in Honour of Professor H. M. Srivastava on his 70th Birth Anniversary, Bursa, Turkey, 18 - 21 August 2010, pp.115
- XXIX. **3-Boyutlu Lorentz Uzayında 1-Parametrelili Kapalı Homotetik Hareketler Altında Holditch-Tipi Teoremler**
 YILDIRIM H., Yüce S., Kuruoğlu N.
 VIII. Geometri Sempozyumu, Antalya, Turkey, 29 April - 02 May 2010, pp.41
- XXX. **Holditch-Type Theorems for the 1-Parameter Closed Motions Using Lorentzian Matrix Multiplication**
 YILDIRIM H., Yüce S., Kuruoğlu N.
 International Conference of Mathematical Sciences, İstanbul, Turkey, 4 - 10 August 2009, pp.190
- XXXI. **3-Boyutlu Öklid Uzayında İzdüşüm Eğrileri için Holditch Tipi Teoremlerin Genelleştirilmeleri**
 YILDIRIM H., Yüce S., Kuruoğlu N.

- XXI. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 1 - 04 September 2008, pp.72
- XXXII. **Holditch Theorem for the Closed Space Curves in Lorentzian 3-Space**
YILDIRIM H., Yüce S., Kuruoğlu N.
The 20th International Congress of Jangeon Mathematical Society, Bursa, Turkey, 21 - 23 August 2008, pp.108
- XXXIII. **3-Boyutlu Lorentz Uzayında Kutupsal Atalet Momenti için Holditch Tipi Teoremler**
YILDIRIM H., Yüce S., Kuruoğlu N.
VI. Ulusal Geometri Sempozyumu, Bursa, Turkey, 1 - 04 July 2008, pp.103
- XXXIV. **The Hyperbolic Cosine Theorems for Non-Pure Triangles in Lorentzian Plane**
YILDIRIM H., Yüce S., Kuruoğlu N.
II. Türk Dünyası Matematik Sempozyumu, Sakarya, Turkey, 4 - 07 July 2007, pp.176
- XXXV. **Spacelike Lorentz Çemberinin Bazı Karakterizasyonları**
YILDIRIM H., Yüce S., Kuruoğlu N.
V. Ulusal Geometri Sempozyumu, Sakarya, Turkey, 4 - 07 July 2007, pp.24
- XXXVI. **Bir Riemann Uzay Formunun Tümel Jeodezik Riemann Uzay Formlarının Bazı Karakterizasyonları**
YILDIRIM H., Erdoğan M.
XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006, pp.79

Other Publications

- I. **On Chen's invariants and their applications, Women and Mathematics: Differential Geometry, İstanbul, Türkiye, 10 March 2018**
Yıldırım H.
Presentation, 2018
- II. **Singularities of Legendrian Flat Dual Surfaces of a Spacelike Curve in the Lightcone, Geometric and Algebraic Singularity Theory, Bedlewo, Polonya, 10-16 September 2017**
Yıldırım H.
Presentation, 2017
- III. **Bochner flatness of g -natural almost Hermitian metrics on tangent bundles, The Twenty First Midwest Geometry Conference, Wichita, Kansas, Amerika Birleşik Devletleri, 11-13 March 2016**
Yıldırım H.
Presentation, 2016
- IV. **ϕ -De Sitter duals of spacelike hypersurfaces in the lightcone as wave front sets, The 20th Midwest Geometry Conference, Norman, Oklahoma, Amerika Birleşik Devletleri, 17-18 January 2015**
Yıldırım H.
Presentation, 2015
- V. **Contacts of Spacelike Hypersurfaces in De Sitter Space with ϕ -Hyperbolic Flat Hyperquadrics, Geometric Singularity Theory. Polish-Japanese Singularity Theory Working Days, Varşova, Polonya, 24-31 August 2013**
Yıldırım H.
Presentation, 2013
- VI. **One-Parameter Families of Extrinsic Differential Geometries on Spacelike Hypersurfaces in de Sitter Space, Conference on Pure and Applied Differential Geometry PADGE2012, Leuven, Belçika, 27-30 August 2012**
Yıldırım H.
Presentation, 2012

Supported Projects

YILDIRIM H., VRANCKEN L., Project Supported by Higher Education Institutions, Applications of Chen's delta-invariants

to equiaffine differential geometry, 2013 - 2016

YILDIRIM H., Project Supported by Higher Education Institutions, De Sitter Uzayındaki En Az İki Dik Boyutlu Uzaysal Altmanifoldlar Üzerindeki Slant Geometri, 2012 - 2015

YILDIRIM H., Project Supported by Higher Education Institutions, 3-Boyutlu Lorentz-Minkowski Uzayındaki Uzaysal Eğrilerin Slant Regle Yüzeyleri ve Slant Açılabilir Yüzeyleri, 2012 - 2014

YILDIRIM H., Project Supported by Higher Education Institutions, Lorentz-Minkowski Uzayındaki Sözde Kürelerdeki Uzaysal Hiperyüzeyler Üzerindeki Slant Geometri, 2013 - 2013

ZEREN AKGÜN L. L. , YILDIRIM H., Project Supported by Higher Education Institutions, 3-BOYUTLU LORENTZ UZAYINDA UZAY HAREKETLERİ VE HOLDITCH-TİPİ TEOREMLER, 2009 - 2010

Memberships / Tasks in Scientific Organizations

Türk Matematik Derneği, Member, 2009 - Continues

Scientific Refereeing

Turkish Journal of Mathematics, SCI Journal, November 2017

Results in Mathematics, SCI Journal, March 2017

Selçuk Journal of Applied Mathematics, National Scientific Refreed Journal, April 2011

Tasks In Event Organizations

Yıldırım H., International Workshop on Geometry of Submanifolds, 2019, Istanbul Center For Mathematical Sciences (IMBM), 7-9 November 2019, Workshop Organization, İstanbul, Turkey, Kasım 2019

Gahramanov I., Kaşıkçı O., Yıldırım H., Geometri ve Simetri Okulu, İstanbul Matematiksel Bilimler Merkezi (İMBM), 13-15 Eylül 2019, Science / Art Camp or Summer School Organization, İstanbul, Turkey, Eylül 2019

Edit Congress and Symposium Activities

X International Meeting on Lorentzian Geometry, GeLoCor 2021, 1-5 February 2021, Attendee, Cordoba, Spain, 2021
Commemoration Event and Workshop Dedicated to the Memory of Prof. Rahmi Güven, 6-7 December 2019, Audience, İstanbul, Turkey, 2019

"International Workshop on Geometry of Submanifolds, 2019", 7-9 November 2019, Session Moderator, İstanbul, Turkey, 2019

Bosphorus Real Geometry Conference, 12 October 2019, Audience, İstanbul, Turkey, 2019

Mathematical Physics Days, 18-19 May 2019 (I attended it on 18 May 2019.), Audience, İstanbul, Turkey, 2019

Talk titled "On Bochner, conformal and conharmonic flatness of some geometric structures", Katholieke Universiteit Leuven, Mathematics Department, Geometry Seminars, 8 February 2019, Invited Speaker, Leuven, Belgium, 2019

Talk titled "On slant geometry", Gebze Technical University, Mathematics Department General Seminars, 9 November 2018, Invited Speaker, Kocaeli, Turkey, 2018

Differential Geometry in Honor of Udo Simon's 80th Birthday, 8-9 September 2018, Attendee, Poznan, Poland, 2018

Talk titled "About Slant Geometry", Institute of Mathematics of Technische Universität Berlin (TUB), 15 August 2018, Invited Speaker, Berlin, Germany, 2018

Talk titled "About Slant Geometry", Wroclaw University of Science and Technology, Faculty of Pure and Applied Mathematics, Differential Geometry Seminars, 26 July 2018, Invited Speaker, Wroclaw, Poland, 2018

Talk titled "On Chen's Invariants and their applications", Wroclaw University of Science and Technology, Faculty of Pure and Applied Mathematics, Differential Geometry Seminars, 25 July 2018, Invited Speaker, Wroclaw, Poland, 2018

Talk titled "On conformally flat almost contact metric manifolds", Wroclaw University of Science and Technology, Faculty

of Pure and Applied Mathematics, Differential Geometry Seminars, 24 July 2018, Invited Speaker, Wroclaw, Poland, 2018

IX International Meeting on Lorentzian Geometry, 17-24 June 2018, Attendee, Warszawa, Poland, 2018

XX Geometrical Seminar, 20-23 May 2018, Attendee, Vrnjacka Banja, Serbia And Montenegro, 2018

16th Workop on Quantization, Dualities and Integrable Systems, Mimar Sinan Fine Arts University, 21-23 April 2018, Audience, İstanbul, Turkey, 2018

Talk titled "On Slant Geometry", Middle East Technical University, Physics Department, 21 March 2018, Invited Speaker, Ankara, Turkey, 2018

Women and Mathematics: Differential Geometry, 10 March 2018, Invited Speaker, İstanbul, Turkey, 2018

Talk titled "Bochner, Conformal and Conharmonic Flatness of Complex (κ, μ) -Spaces", Atılım University, Mathematics Department Seminars, 21 February 2018, Invited Speaker, Ankara, Turkey, 2018

Talk titled "On Legendrian Dual Surfaces in Hyperbolic 3-Space", Murcia University, Mathematics Department Seminars, 8 January 2018, Invited Speaker, Murcia, Spain, 2018

Talk titled "Legendrian Dual Surfaces in Hyperbolic 3-Space", Istanbul Technical University, Mathematics Department Seminars, 29 December 2017, Invited Speaker, İstanbul, Turkey, 2017

"3-Boyutlu Hiperbolik Uzaydaki Legendrian Düz Dual Yüzeyler Hakkında" başlıklı konuşma, Mimar Sinan Güzel Sanatlar Üniversitesi, Fizik Bölümü Seminerleri, 30 Kasım 2017, Invited Speaker, İstanbul, Turkey, 2017

Talk titled "On Legendrian Flat Dual Surfaces in Hyperbolic 3-Space", Hacettepe University, Mathematics Department Seminars, 22 November 2017, Invited Speaker, Ankara, Turkey, 2017

International Conference on Applied and Pure Mathematics, 2-5 November 2017, Attendee, Iasi, Romania, 2017

Geometric and Algebraic Singularity, 10-16 September 2017, Attendee, Poznan, Poland, 2017

Pure and Applied Differential Geometry - PADGE 2017, 21-25 August 2017, Attendee, Leuven, Belgium, 2017

15th International Geometry Symposium, 3-6 July 2017, Attendee, Amasya, Turkey, 2017

Differential Geometry, 19-23 June 2017, Attendee, Poznan, Poland, 2017

Talk titled "Slant Geometry on Spacelike Submanifolds of Codimension Two", Middle East Technical University, Mathematics Department Seminars, 18 May 2017, Invited Speaker, Ankara, Turkey, 2017

"Fraktal Geometri Üzerine" başlıklı konuşma, İstanbul Üniversitesi, Matematik Kulübü Seminerleri, 12 Mayıs 2017, Invited Speaker, İstanbul, Turkey, 2017

Talk titled "On Slant Geometry", Mimar Sinan Fine Arts University, Mathematics Department Seminars, 11 May 2017, Invited Speaker, İstanbul, Turkey, 2017

Talk titled "On Slant Geometry", Sabancı University, Mathematics Department Seminars, 27 April 2017, Invited Speaker, İstanbul, Turkey, 2017

Talk titled "On Extended Legendrian Dualities and Their Applications", Boğaziçi University, Mathematics Department Seminars, 29 March 2017, Invited Speaker, İstanbul, Turkey, 2017

Talk titled "Spacelike Slant Geometry on Spacelike Submanifolds of Codimension Two", University of Nis, Mathematics Department Seminars, 5 September 2016, Invited Speaker, Nish, Serbia And Montenegro, 2016

XIX Geometrical Seminar, 28 August-4 September 2016, Session Moderator, Zlatibor, Serbia And Montenegro, 2016

Talk titled "On Slant Geometry", Yau's Students' Seminar, Harvard University, Science Center, <http://www.math.harvard.edu/~ywfan/seminar/>, 1 April 2016, Invited Speaker, Massachusetts, United States Of America, 2016

The Twenty First Midwest Geometry Conference, Wichita, Kansas, USA, 11-13 March 2016, Attendee, Kansas, United States Of America, 2016

Talk titled "On Slant Geometry", Michigan State University, Mathematics Department Seminars, 23 October 2015, Invited Speaker, Michigan, United States Of America, 2015

Talk titled "On Slant Geometry", City University of New York (CUNY), Differential Geometry Seminars, 22 October 2015, Invited Speaker, New-York, United States Of America, 2015

Recent Advances in Kähler Geometry in Conjunction with the 30th Annual Shanks Lecture, 18-22 May 2015, Audience, Tennessee, United States Of America, 2015

A note on conformally flat almost contact metric manifolds, Spring Western Sectional Meeting (#1110) of the American Mathematical Society, 18-19 April 2015, Attendee, Nevada, United States Of America, 2015

Talk titled "On Slant Geometry", Wichita State University, Mathematics Department Seminars, 10 April 2015, Invited Speaker, Kansas, United States Of America, 2015

Talk titled "On Slant Geometry", University of Michigan-Dearborn, Mathematics Department Seminars, 18 March 2015, Invited Speaker, Michigan, United States Of America, 2015

On conformally flat almost $C(\alpha)$ -manifolds, Central Spring Sectional Meeting (#1108) of the American Mathematical Society, 14-15 March 2015, Attendee, Michigan, United States Of America, 2015

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Columbia University, Geometry & Analysis Seminars, 12 March 2015, Invited Speaker, New-York, United States Of America, 2015

Talk titled "Spacelike Slant Geometry on Spacelike Submanifolds of Codimension Two", University of Oklahoma, Geometric Analysis Seminars, 20 January 2015, Invited Speaker, Oklahoma, United States Of America, 2015

ϕ -De Sitter duals of spacelike hypersurfaces in the lightcone as wave front sets, The 20th Midwest Geometry Conference, 17-18 January 2015, Invited Speaker, Oklahoma, United States Of America, 2015

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Rochester University, Mathematics Department Seminars, 11 November 2014, Invited Speaker, New-York, United States Of America, 2014

ϕ -hyperbolic duals of spacelike hypersurfaces in the lightcone as wave front sets, Fall Western Sectional Meeting (#1104) of the American Mathematical Society, 25-26 October 2014, Attendee, California, United States Of America, 2014

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Galatasaray University, Mathematics Department Seminars, 8 October 2014, Invited Speaker, İstanbul, Turkey, 2014

The First China-Japan Seminar on Singularity Theory and its Applications for Young Researchers, 6 September 2014, Session Moderator, Changchun, China, 2014

Workshop on Singularities, Geometry, Topology and Related Topics, 1-3 September 2014, Attendee, Changchun, China, 2014

Talk titled "Spacelike Slant Geometry on Spacelike Submanifolds of Codimension Two", Northeast Normal University, Graduate School of Science, Mathematics Department Seminars, 27 August 2014, Invited Speaker, Changchun, China, 2014

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Northeast Normal University, Graduate School of Science, Mathematics Department Seminars, 20 August 2014, Invited Speaker, Changchun, China, 2014

The 13th International Workshop on Real and Complex Singularities, 27 July-1 August 2014, Attendee, Sao-Carlos, Brazil, 2014

XII. Geometry Symposium, 23-26 June 2014, Attendee, Bilecik, Turkey, 2014

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Seminars of Mathematical Institute of the Serbian Academy of Sciences and Arts, 29 May 2014, Invited Speaker, Belgrade, Serbia And Montenegro, 2014

XVIII Geometrical Seminar, 25-28 May 2014, Attendee, Vrnjacka Banja, Serbia And Montenegro, 2014

13th Serbian Mathematical Congress, 22-25 May 2014, Attendee, Vrnjacka Banja, Serbia And Montenegro, 2014

Riemannian Geometry and Applications to Engineering and Economics, 19-21 May 2014, Attendee, Bucuresti, Romania, 2014

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Kobe University, Graduate School of Science, Mathematics Department Seminars, 17 February 2014, Invited Speaker, Kobe, Japan, 2014

Talk titled "Extensions of Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Katholieke University, Mathematics Department Seminars, 27 September 2013, Invited Speaker, Leuven, Belgium, 2013

Talk titled "Slant Geometry of Hypersurfaces in Hyperbolic Space", Valenciennes University, The Laboratory of Mathematics and their Applications of Valenciennes (LAMAV) Seminars, 11 September 2013, Invited Speaker, Valence, France, 2013

Geometric Singularity Theory. Polish-Japanese Singularity Theory Working Days, 24-31 August 2013, Attendee, Warszawa, Poland, 2013

Differential Geometry and Its Applications DGA2013, 19-23 August 2013, Attendee, Brno, Czech Republic, 2013

Talk titled "Slant Geometry of Spacelike Hypersurfaces in the Lightcone", Michigan State University, Mathematics Department Seminars and Colloquia, 8 August 2013, Invited Speaker, Michigan, United States Of America, 2013

"Lorentz-Minkowski Uzayındaki Sözde-Kürelerdeki Uzaysal Hiperyüzeylerin Slant Geometrisi" başlıklı konuşma, İstanbul Üniversitesi Matematik Bölümü Semineri, 27 Mayıs 2013, Invited Speaker, İstanbul, Turkey, 2013

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Michigan State University, Mathematics Department Seminars and Colloquia, 28 February 2013, Invited Speaker, Michigan, United States Of America, 2013

XVII Geometrical Seminar, 3-8 September 2012, Attendee, Zlatibor, Serbia And Montenegro, 2012

Conference on Pure and Applied Differential Geometry PADGE2012, 27-30 August 2012, Attendee, Leuven, Belgium, 2012

XVIII EBT: 18th Brazilian Topology Meeting, 29 July-3 August 2012, Attendee, Sao-Paulo, Brazil, 2012

12th International Workshop on Real and Complex Singularities, 16-21 July 2012, Attendee, Sao-Carlos, Brazil, 2012

Workshop on Geometry and Singularity Theory in South Hokkaido, 19-20 May 2012, Attendee, Muroran, Japan, 2012

Talk titled "One-Parameter Families of Extrinsic Differential Geometries on Spacelike Hypersurfaces in the Lightcone", Hokkaido University, Science Faculty, Mathematics Department, Geometry Colloquium, 11 May 2012, Invited Speaker, Sapporo, Japan, 2012

18o Encuentro de Topología, 21-22 October 2011, Attendee, Sevilla, Spain, 2011

Talk titled "Slant Geometry of Spacelike Hypersurfaces in the Lightcone", Valencia University, Mathematics Faculty, Geometry and Topology Department Seminars, 1 October 2011, Invited Speaker, Valencia, Spain, 2011

VI International Meeting on Lorentzian Geometry, 6-9 September 2011, Attendee, Granada, Spain, 2011

IX. Geometri Sempozyumu, 7-10 Haziran 2011, Attendee, Samsun, Turkey, 2011

Workshop on Singularities in Geometry and Applications, 15-21 Mayıs 2011, Attendee, Poznan, Poland, 2011

"Bir Parametrel Hareketler Altında Holditch Teoremi ve Bazı Genelleştirilmeleri" başlıklı konuşma, İstanbul Üniversitesi Matematik Bölümü Semineri, 23 Aralık 2010, Invited Speaker, İstanbul, Turkey, 2010

International Congress in Honour of Professor H. M. Srivastava on his 70th Birth Anniversary, 18-21 August 2010, Attendee, Bursa, Turkey, 2010

VIII. Geometri Sempozyumu, 29 Nisan-2 Mayıs 2010, Attendee, Antalya, Turkey, 2010

International Conference of Mathematical Sciences, 4-10 August 2009, Attendee, İstanbul, Turkey, 2009

Talk titled "On the 1-parameter closed motions in Lorentzian 3-space", Hokkaido University, Science Faculty, Mathematics Department, Singularity Seminars, 1 May 2009, Invited Speaker, Sapporo, Japan, 2009

XXI. Ulusal Matematik Sempozyumu, 1-4 Eylül 2008, Attendee, İstanbul, Turkey, 2008

The 20th International Congress of Jangjeon Mathematical Society, 21-23 August 2008, Attendee, Bursa, Turkey, 2008

VI. Ulusal Geometri Sempozyumu, 1-4 Temmuz 2008, Attendee, Bursa, Turkey, 2008

II. Turkish World Mathematics Symposium, 4-7 July 2008, Attendee, Sakarya, Turkey, 2007

V. Ulusal Geometri Sempozyumu, 4-7 Temmuz 2007, Attendee, Sakarya, Turkey, 2007

XIX. Ulusal Matematik Sempozyumu, 22-25 Ağustos 2006, Attendee, Kütahya, Turkey, 2006

Citations

Total Citations (WOS):43

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Invited Talks

Talk titled "On Bochner, conformal and conharmonic flatness of some geometric structures", Katholieke Universiteit Leuven, Mathematics Department, Geometry Seminars, 8 February 2019, Seminar, Katholieke Universiteit Leuven, Belgium, February 2019

Talk titled "On slant geometry", Gebze Technical University, Mathematics Department General Seminars, 9 November 2018, Seminar, Gebze Teknik Üniversitesi, Turkey, November 2018

Talk titled "About Slant Geometry", Institute of Mathematics of Technische Universität Berlin (TUB), 15 August 2018, Seminar, Technische Universität Berlin, Germany, August 2018

Talk titled "About Slant Geometry", Wroclaw University of Science and Technology, Faculty of Pure and Applied Mathematics, Differential Geometry Seminars, 26 July 2018, Seminar, Wroclaw University of Science and Technology,

Faculty of Pure and Applied Mathematics, Differential Geometry Seminars, Poland, July 2018

Talk titled "On conformally flat almost contact metric manifolds", Wroclaw University of Science and Technology, Faculty of Pure and Applied Mathematics, Differential Geometry Seminars, 24 July 2018, Seminar, Wroclaw University of Science and Technology, Faculty of Pure and Applied Mathematics, Differential Geometry Seminars, Poland, July 2018

Talk titled "On Chen's Invariants and their applications", Wroclaw University of Science and Technology, Faculty of Pure and Applied Mathematics, Differential Geometry Seminars, 25 July 2018, Seminar, Wroclaw University of Science and Technology, Faculty of Pure and Applied Mathematics, Differential Geometry Seminars, Poland, July 2018

Talk titled "On Slant Geometry", Middle East Technical University, Physics Department, 21 March 2018, Seminar, Orta Doğu Teknik Üniversitesi, Turkey, March 2018

On Chen's invariants and their applications, Women and Mathematics: Differential Geometry, 10 March 2018, Conference, Women and Mathematics: Differential Geometry, Istanbul Center for Mathematical Sciences, Turkey, March 2018

Talk titled "Bochner, Conformal and Conharmonic Flatness of Complex (κ, μ) -Spaces", Atılım University, Mathematics Department Seminars, 21 February 2018, Seminar, Atılım Üniversitesi, Turkey, February 2018

Talk titled "On Legendrian Dual Surfaces in Hyperbolic 3-Space", Murcia University, Mathematics Department Seminars, 8 January 2018, Seminar, University of Murcia, Spain, January 2018

Talk titled "Legendrian Dual Surfaces in Hyperbolic 3-Space", Istanbul Technical University, Mathematics Department Seminars, 29 December 2017, Seminar, İstanbul Teknik Üniversitesi, Turkey, December 2017

"3-Boyutlu Hiperbolik Uzaydaki Legendrian Düz Dual Yüzeyler Hakkında" başlıklı konuşma, Mimar Sinan Güzel Sanatlar Üniversitesi, Fizik Bölümü Seminerleri, 30 Kasım 2017, Seminar, Mimar Sinan Güzel Sanatlar Üniversitesi, Turkey, November 2017

Talk titled "On Legendrian Flat Dual Surfaces in Hyperbolic 3-Space", Hacettepe University, Mathematics Department Seminars, 22 November 2017, Seminar, Hacettepe Üniversitesi, Turkey, November 2017

Talk titled "Slant Geometry on Spacelike Submanifolds of Codimension Two", Middle East Technical University, Mathematics Department Seminars, 18 May 2017, Seminar, Orta Doğu Teknik Üniversitesi, Turkey, May 2017

Talk titled "On Slant Geometry", Mimar Sinan Fine Arts University, Mathematics Department Seminars, 11 May 2017, Seminar, Mimar Sinan Güzel Sanatlar Üniversitesi, Turkey, May 2017

"Fraktal Geometri Üzerine" başlıklı konuşma, İstanbul Üniversitesi, Matematik Kulübü Seminerleri, 12 Mayıs 2017, Seminar, İstanbul Üniversitesi, Turkey, May 2017

Talk titled "On Slant Geometry", Sabancı University, Mathematics Department Seminars, 27 April 2017, Seminar, Sabancı Üniversitesi, Turkey, April 2017

Talk titled "On Extended Legendrian Dualities and Their Applications", Boğaziçi University, Mathematics Department Seminars, 29 March 2017, Seminar, Boğaziçi Üniversitesi, Turkey, March 2017

Talk titled "Spacelike Slant Geometry on Spacelike Submanifolds of Codimension Two", University of Niš, Mathematics Department Seminars, 5 September 2016, Seminar, University of Niš, Mathematics Department Seminars, Serbia And Montenegro, September 2016

Talk titled "On Slant Geometry", Harvard University, Science Center, Yau's Students' Seminar, <http://www.math.harvard.edu/~ywfan/seminar/>, 1 April 2016, Seminar, Harvard University, United States Of America, April 2016

Talk titled "On Slant Geometry", Michigan State University, Mathematics Department Seminars, 23 October 2015, Seminar, Michigan State University, United States Of America, October 2015

Talk titled "On Slant Geometry", City University of New York (CUNY), Differential Geometry Seminars, 22 October 2015, Seminar, City University of New York, United States Of America, October 2015

Talk titled "On Slant Geometry", Wichita State University, Mathematics Department Seminars, 10 April 2015, Seminar, Wichita State University, United States Of America, April 2015

Talk titled "On Slant Geometry", University of Michigan-Dearborn, Mathematics Department Seminars, 18 March 2015, Seminar, University of Michigan-Dearborn, United States Of America, March 2015

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Columbia University, Geometry & Analysis Seminars, 12 March 2015, Seminar, Columbia University, United States Of America, March 2015

Talk titled "Spacelike Slant Geometry on Spacelike Submanifolds of Codimension Two", University of Oklahoma, Geometric Analysis Seminars, 20 January 2015, Seminar, University of Oklahoma, United States Of America, January 2015

ϕ -De Sitter duals of spacelike hypersurfaces in the lightcone as wave front sets, The 20th Midwest Geometry Conference, 17-18 January 2015, Conference, University of Oklahoma, United States Of America, January 2015

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", University of Rochester, Mathematics Department Seminars, 11 November 2014, Seminar, University of Rochester, United States Of America, November 2014

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Galatasaray University, Mathematics Department Seminars, 8 October 2014, Seminar, Galatasaray Üniversitesi, Turkey, October 2014

Talk titled "Spacelike Slant Geometry on Spacelike Submanifolds of Codimension Two", Northeast Normal University, Graduate School of Science, Mathematics Department Seminars, 27 August 2014, Seminar, Northeast Normal University, Graduate School of Science, Mathematics Department Seminars, China, August 2014

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Northeast Normal University, Graduate School of Science, Mathematics Department Seminars, 20 August 2014, Seminar, Northeast Normal University, Graduate School of Science, Mathematics Department Seminars, China, August 2014

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Seminars of Mathematical Institute of the Serbian Academy of Sciences and Arts, 29 May 2014, Seminar, Mathematical Institute of the Serbian Academy of Sciences and Arts, Serbia And Montenegro, May 2014

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Kobe University, Graduate School of Science, Mathematics Department Seminars, 17 February 2014, Seminar, Kobe University, Graduate School of Science, Mathematics Department Seminars, Japan, February 2014

Talk titled "Extensions of Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Katholieke University, Geometry Seminars, 27 September 2013, Seminar, Katholieke Universiteit Leuven, Belgium, September 2013

Talk titled "Slant Geometry of Hypersurfaces in Hyperbolic Space", Valenciennes University, The Laboratory of Mathematics and their Applications of Valenciennes (LAMAV) Seminars, 11 September 2013, Seminar, Université de Valenciennes et du Hainaut-Cambrésis, France, September 2013

Talk titled "Slant Geometry of Spacelike Hypersurfaces in the Lightcone", Michigan State University, Mathematics Department Seminars and Colloquia, 8 August 2013, Seminar, Michigan State University, United States Of America, August 2013

Talk titled "On Extended Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space", Michigan State University, Mathematics Department Seminars and Colloquia, 28 February 2013, Seminar, Michigan State University, United States Of America, February 2013

Contacts of Spacelike Hypersurfaces in the Lightcone with φ -Hyperbolic Flat Hyperquadrics, XVII Geometrical Seminar, 3-8 September 2012, Conference, XVII Geometrical Seminar, Zlatibor, Serbia And Montenegro, September 2012

One-Parameter Families of Legendrian Dualities for the Pseudo-Spheres in Lorentz-Minkowski Space, Workshop on Geometry and Singularity Theory in South Hokkaido, 19-20 May 2012, Workshop, Workshop on Geometry and Singularity Theory in South Hokkaido, Muroran, Japan, May 2012

Talk titled "One-Parameter Families of Extrinsic Differential Geometries on Spacelike Hypersurfaces in the Lightcone", Hokkaido University, Science Faculty, Mathematics Department, Geometry Colloquium, 11 May 2012, Seminar, Hokkaido Üniversitesi, Japan, May 2012

Talk titled "Slant Geometry of Spacelike Hypersurfaces in the Lightcone", Valencia University, Mathematics Faculty, Geometry and Topology Department Seminars, 7 October 2011, Seminar, Valencia University, Spain, October 2011

Talk titled "On the 1-parameter closed motions in Lorentzian 3-space", Hokkaido University, Science Faculty, Mathematics Department, Singularity Seminars, 1 May 2009, Seminar, Hokkaido Üniversitesi, Japan, May 2009

Scholarships

TÜBİTAK 2219-Yurt Dışı Doktora Sonrası Araştırma Bursu (1 yıl), TÜBİTAK, 2014 - 2015

TÜBİTAK 2211-Yurt İçi Doktora Bursu (4 yıl), TÜBİTAK, 2006 - 2010

TÜBİTAK 2214-Yurt Dışı Araştırma Bursu (3 ay), TÜBİTAK, 2009 - 2009