



Geometría y Topología

Áreas de conocimiento: Geometría y Topología

Director: Francisco Urbano Pérez-Aranda

Secretario: Miguel Ortega Titos

Página web: <http://geometry.ugr.es/>

Profesorado: CU: 16, PTU: 5, PDI Contratado 5

Tesis leídas

- Translating solitons of the mean curvature flow

Doctorando: Jesús Pérez García

Director: Francisco Martín Serrano y Andreas Savas Halilaj

Fecha de lectura: 16 de diciembre de 2016

Grupos de Investigación.

FQM324 GEOMETRIA DIFERENCIAL Y SUS APLICACIONES

- Responsable: CEFERINO RUIZ GARRIDO

FQM325 PROBLEMAS VARIACIONALES EN GEOMETRÍA

- Responsable: FRANCISCO URBANO PÉREZ-ARANDA

Dirección y participación en Proyectos I+D

- 2017 ANALISIS GEOMETRICO DE SUPERFICIES E EQUAÇÕES CONFORMES, , 01/01/2017-31/12/2019

Investigador/a JOAQUIN PÉREZ MUÑOZ

- 2016 Minimal surfaces: integrable systems and visualization, , 01/09/2016-30/08/2019

Responsable FRANCISCO MARTIN SERRANO

- 2016 MINIMAL SURFACES: INTEGRABLE SYSTEMS AND VISUALISATION, , 01/09/2016-31/08/2019

Investigador/a JOAQUIN PÉREZ MUÑOZ

- 2016 GEOMETRIA SEMI-RIEMANNIANA Y PROBLEMAS VARIACIONALES EN FISICA MATEMATICA, Competitivo, 30/12/2016-29/12/2020

Investigador/a ALFONSO ROMERO SARABIA

Investigador/a MIGUEL ORTEGA TITOS

Responsable MIGUEL SANCHEZ CAJA

- 2016 SUPERFICIES Y ECUACIONES EN DERIVADAS PARCIALES GEOMETRICAS, Competitivo, 30/12/2016-29/12/2020

Responsable JOSÉ ANTONIO GÁLVEZ LÓPEZ

Investigador/a ANTONIO MARTINEZ LOPEZ

Contratos de investigación

- 2017 Contrato postdoctoral de investigación, ARTÍCULO 83, 01/01/2017-28/01/2017

Investigador/a JUAN JESÚS SALAMANCA JURADO

- 2017 Contrato Puente UGR, , 15/03/2017-14/03/2018

Investigador/a DANIEL DE LA FUENTE BENITO

- 2016 Contrato postdoctoral asociado a Proyecto, , 15/12/2016-14/03/2017

Investigador/a DANIEL DE LA FUENTE BENITO

- 2016 Contrato postdoctoral asociado a Proyecto, , 15/12/2016-14/03/2017

Investigador/a DANIEL DE LA FUENTE BENITO

Publicaciones en revistas

- 2017 Artículo: UNA NUEVA EDAD DE ORO DE LAS SUPERFICIES MINIMAS, La Gaceta De La Real Sociedad Matemática Española, 20, 5, 193-211

JOAQUIN PÉREZ MUÑOZ

- 2017 Artículo: A NEW GOLDEN AGE OF MINIMAL SURFACES, Notices of the American Mathematical Society, 64, 4, 347-358

JOAQUIN PÉREZ MUÑOZ

- 2017 Artículo: EMBEDDED MINIMAL SURFACES OF FINITE TOPOLOGY, Journal für die reine und angewandte Mathematik, , , -

JOAQUIN PÉREZ MUÑOZ

- 2017 Artículo en prensa: Holomorphic Legendrian curves, Compositio Mathematica, , , -

ANTONIO ALARCÓN LÓPEZ

FRANCISCO JOSE LOPEZ FERNANDEZ

- 2017 Artículo en prensa: Complete minimal surfaces densely lying in arbitrary domains of Rn, Geometry & Topology, , , -

ANTONIO ALARCÓN LÓPEZ



ILDEFONSO CASTRO-INFANTES

- 2017 Artículo en prensa: Representing de Rham cohomology classes on an open Riemann surface by holomorphic forms, International Journal of Mathematics, , , -

ANTONIO ALARCÓN LÓPEZ

- 2017 Artículo: A Rigidity Result for Overdetermined Elliptic Problems in the Plane, Communications on Pure and Applied Mathematics, , , -

ANTONIO ROS MULERO

- 2017 Artículo: On the (non-)uniqueness of the Levi-Civita solution in the Einstein-Hilbert-Palatini formalism, Physics letters. B, 768, , 280-287

MIGUEL SANCHEZ CAJA

- 2017 Artículo: Existence and multiplicity of entire radial spacelike graphs with prescribed mean curvature function in certain Friedmann-Lemaître-Robertson-Walker spacetimes, Communications in Contemporary Mathematics, 19, 2, -

ALFONSO ROMERO SARABIA

DANIEL DE LA FUENTE BENITO

- 2017 Artículo: Existence and extendibility of rotationally symmetric graphs with a prescribed higher mean curvature function in Euclidean and Minkowski spaces, Journal of Mathematical Analysis and Applications, 446, , 1046-1059

ALFONSO ROMERO SARABIA

DANIEL DE LA FUENTE BENITO

- 2017 Artículo: Completeness of inextensible electromagnetic trajectories in a stationary spacetime, Journal of Geometry and Physics, 117, , 144-150

ALFONSO ROMERO SARABIA

DANIEL DE LA FUENTE BENITO

- 2017 Artículo: Uniform circular motion in General Relativity: Existence and extendibility of the trajectories, Classical and Quantum Gravity, , , -

ALFONSO ROMERO SARABIA

DANIEL DE LA FUENTE BENITO

- 2017 Artículo: El movimiento rígido en relatividad: las paradojas de Bell y Ehrenfest, Revista española de física, 31, 1, 11-15

DANIEL DE LA FUENTE BENITO

JUAN JESÚS SALAMANCA JURADO

- 2017 Artículo: Lie derivatives and structure Jacobi operator on real hypersurfaces in complex projective spaces, Differential Geometry And Its Applications (Online), 50, , 1-10

JUAN DE DIOS PÉREZ JIMÉNEZ

- 2017 Artículo: Derivatives on real hypersurfaces of two-dimensional non-flat complex space forms, Mediterranean Journal of Mathematics, 14, 2, 13 pages-

JUAN DE DIOS PÉREZ JIMÉNEZ

- 2017 Artículo: On uniqueness of the foliation by comoving observers restspaces of a Generalized Robertson-Walker spacetime, General Relativity And Gravitation (Dordrecht. Online), 49, 16, 1-14

ALFONSO ROMERO SARABIA

JOSE ANTONIO SANCHEZ PELEGRIÑ

- 2017 Artículo en prensa: On the total mean curvature of a compact spacelike submanifold in Lorentz-Minkowski spacetime, Proceedings of the Royal Society of Edinburgh, Section: A Mathematics, , , -

ALFONSO ROMERO SARABIA

- 2017 Artículo: Complete spacelike hypersurfaces in generalized Robertson-Walker and the null convergence condition: Calabi-Bernstein problems, Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas, 111, 1, 115-128

JUAN JESÚS SALAMANCA JURADO

- 2017 Artículo en prensa: Improper affine spheres and the Hessian one equation, Differential Geometry And Its Applications (Online), , , -

ANTONIO MARTINEZ LOPEZ

FRANCISCO MILÁN LÓPEZ

- 2017 Artículo: Stability and bifurcation of a capillary surface on a cylinder, SIAM Journal on Applied Mathematics, 77, , 108-127

RAFAEL LOPEZ CAMINO

- 2017 Artículo: Remarks on the boundary curve of a constant mean curvature topological disc, Complex Variables and Elliptic Equations, , , -

RAFAEL LOPEZ CAMINO

- 2017 Artículo: Complete spacelike hypersurfaces in generalized Robertson-Walker and the Null Convergence Condition. Calabi-Bernstein problems, Proceedings of the Royal Society of Edinburgh, Section: A Mathematics, , , -

JUAN JESÚS SALAMANCA JURADO



- 2016 Artículo: The Minkowski problem, new constant curvature surfaces in R3, and some applications, *Journal fuer die Reine und Angewandte Mathematik*, 710, , 1-19
ANTONIO ALARCÓN LÓPEZ
- 2016 Artículo: Complete bounded embedded complex curves in C^2, *Journal of the European Mathematical Society*, 18, 8, 1675-1705
ANTONIO ALARCÓN LÓPEZ
- FRANCISCO JOSE LOPEZ FERNANDEZ
- 2016 Artículo: Geodesics on convex regions of stationary spacetimes and Finslerian Randers spaces, *The Journal of Geometric Analysis*, 26, 2, 791-836
MIGUEL SANCHEZ CAJA
- 2016 Artículo: Embedded minimal surfaces in Rn, *Mathematische Zeitschrift*, 283, 1-2, 1-24
ANTONIO ALARCÓN LÓPEZ
- FRANCISCO JOSE LOPEZ FERNANDEZ
- 2016 Artículo: Plane curves with curvature depending on distance to a line, *Differential Geometry And Its Applications (Online)*, 44, February 2016, 77-97
ILDEFONSO CASTRO-INFANTES
- 2016 Artículo: Real hypersurfaces in non-flat complex space form with structure Jacobi operator of Lie-Codazzi type, *Bulletin of the Malaysian Mathematical Sciences Society*, 39, , 17-27
JUAN DE DIOS PÉREZ JIMÉNEZ
- 2016 Artículo: The structure Jacobi operator of three-dimensional real hypersurfaces in non-flat complex space forms, *Kodai Mathematical Journal*, 39, 1, 154-174
JUAN DE DIOS PÉREZ JIMÉNEZ
- 2016 Artículo: Isolated singularities of graphs in warped products and Monge-Ampère equations., *Journal of Differential Equations*, 260, , 2163-2189
JOSÉ ANTONIO GÁLVEZ LÓPEZ
- 2016 Artículo: A class of surfaces related to a problem posed by Élie Cartan, *Annali di matematica pura ed applicata*, 195, 2, 513-527
ANTONIO MARTINEZ LOPEZ
- 2016 Artículo en prensa: A characterization of the grim reaper cylinder, *Journal fuer die Reine und Angewandte Mathematik*, , , -
FRANCISCO MARTIN SERRANO
- 2016 Artículo: FINITE TYPE ANNULAR ENDS FOR HARMONIC FUNCTIONS, *Mathematische Annalen*, , , -
JOAQUIN PÉREZ MUÑOZ
- 2016 Artículo: CMC FOLIATIONS OF CLOSED MANIFOLDS, *Journal of Geometric Analysis*, 26, 3, 1647-1677
JOAQUIN PÉREZ MUÑOZ
- 2016 Artículo: LOCAL REMOVABLE SINGULARITY THEOREMS FOR MINIMAL LAMINATIONS, *Journal of Differential Geometry*, 103, 2, 319-362
ANTONIO ROS MULERO
- JOAQUIN PÉREZ MUÑOZ
- 2016 Artículo: THE DYNAMICS THEOREM FOR PROPERLY EMBEDDED MINIMAL SURFACES, *Mathematische Annalen*, 365, , 1069-1089
ANTONIO ROS MULERO
- JOAQUIN PÉREZ MUÑOZ
- 2016 Artículo: THE CLASSIFICATION OF CMC FOLIATIONS OF R3 AND S3 WITH COUNTABLY MANY SINGULARITIES, *American journal of mathematics (Print)*, 138, 5, 1347-1382
ANTONIO ROS MULERO
- JOAQUIN PÉREZ MUÑOZ
- 2016 Artículo: EMBEDDEDNESS OF SPHERES IN HOMOGENEOUS THREE-MANIFOLDS, *International Mathematics Research Notices*, , , -
JOAQUIN PÉREZ MUÑOZ
- 2016 Artículo: Entire solutions of the degenerate Monge-Ampère equation with a finite number of singularities, *Journal of Differential Equations*, 261, 11, 6614-6631
JOSÉ ANTONIO GÁLVEZ LÓPEZ
- 2016 Artículo: A Hopf theorem for non-constant mean curvature and a conjecture of A. D. Alexandrov, *Mathematische Annalen*, 366, 3-4, 909-928
JOSÉ ANTONIO GÁLVEZ LÓPEZ
- 2016 Artículo en prensa: A construction of complete complex hypersurfaces in the ball with control on the topology, *Journal fuer die Reine und Angewandte Mathematik*, , , -
ANTONIO ALARCÓN LÓPEZ
- FRANCISCO JOSE LOPEZ FERNANDEZ
- 2016 Artículo en prensa: Proper holomorphic Legendrian curves in SL2(C), *Journal of Geometric Analysis*, , , -
ANTONIO ALARCÓN LÓPEZ
- 2016 Artículo: A new relativistic extension of the harmonic oscillator satisfying an isochronicity principle,



- Qualitative Theory of Dynamical Systems, , , -
DANIEL DE LA FUENTE BENITO
- 2016 Artículo: Lie derivatives on a real hypersurface in complex two-plane Grassmannians, *Publicaciones Mathematicae*, 89, 1-2, 63-71
JUAN DE DIOS PÉREZ JIMÉNEZ
- 2016 Artículo: Comparing Lie derivatives on real hypersurfaces in complex projective space, *Mediterranean Journal of Mathematics*, 13, , 2161-2169
JUAN DE DIOS PÉREZ JIMÉNEZ
- 2016 Artículo: On the Riemannian curvature tensor of a real hypersurface in a complex projective space, *Mathematische Nachrichten*, 289, 17-18, 2263-2272
JUAN DE DIOS PÉREZ JIMÉNEZ
- 2016 Artículo: A classification of three-dimensional real hypersurfaces in non-flat complex space forms in terms of their generalized Tanaka-Webster Lie derivatives, *Canadian Mathematical Bulletin*, 59, 4, 813-823
JUAN DE DIOS PÉREZ JIMÉNEZ
- 2016 Artículo: Uniqueness of complete maximal surfaces in certain Lorentzian spacetimes, *Journal of Mathematical Analysis and Applications*, 435, , 1352-1363
ALFONSO ROMERO SARABIA
- 2016 Artículo: On maximal hypersurfaces in Lorentz manifolds admitting a parallel lightlike vector field, *Classical and Quantum Gravity*, 33, , 0550031-0550038
ALFONSO ROMERO SARABIA
- JOSE ANTONIO SANCHEZ PELEGREN
- 2016 Artículo: Uniqueness of complete maximal hypersurfaces in spatially open (n+1)-dimensional Robertson-Walker spacetimes with flat fiber, *General Relativity And Gravitation (Dordrecht. Online)*, 48, 6, 1-14
ALFONSO ROMERO SARABIA
- JOSE ANTONIO SANCHEZ PELEGREN
- 2016 Artículo: Real hypersurfaces in complex two-plane Grassmannians with Reeb parallel Ricci tensor in the GTW connection, *Canadian Mathematical Bulletin*, 59, 4, 721-733
JUAN DE DIOS PÉREZ JIMÉNEZ
- 2016 Artículo: A necessary condition for the existence of a doubly connected minimal surface, *ANNALI DI MATEMATICA PURA ED APPLICATA*, , , -
RAFAEL LOPEZ CAMINO
- 2016 Artículo: Spacelike graphs of prescribed mean curvature in the steady state space, *Advanced Nonlinear Studies*, 16, 4, 807-819
RAFAEL LOPEZ CAMINO
- 2016 Artículo: Separation of variables in equation of mean curvature type, *Proceedings of the Royal Society of Edinburgh, Section: A Mathematics*, 146, 5, 1017-1035
RAFAEL LOPEZ CAMINO

Capítulos de libros (con ISBN)

- 2017 Titulo Capítulo: An introduction to certain topics on Lorentzian manifolds, Titulo Libro: *Topics in Modern Differential Geometry*: Atlantis Press, , 2017,
ALFONSO ROMERO SARABIA
- 2016 Titulo Capítulo: THE RIEMANN MINIMAL EXAMPLES, Titulo Libro: *THE LEGACY OF BERNHARD RIEMANN AFTER ONE HUNDRED AND FIFTY YEARS: HIGHER EDUCATION PRESS (BEIJING) & INTERNATIONAL PRESS (BOSTON)*, , 2016, 978-704-031875-3
JOAQUIN PÉREZ MUÑOZ
- 2016 Titulo Capítulo: CONSTANT MEAN CURVATURE SURFACES, Titulo Libro: *SURVEYS IN DIFFERENTIAL GEOMETRY, VOL 21: INTERNATIONAL PRESS*, , 2016, 9781571463227
JOAQUIN PÉREZ MUÑOZ
- 2016 Titulo Capítulo: Capillary surfaces modeling liquid drops on wetting phenomena, Titulo Libro: *The Role and Importance of Mathematics in Innovation*: Springer, , 2016,
RAFAEL LOPEZ CAMINO
- 2016 Titulo Capítulo: Capillary surfaces modeling liquid drops on wetting phenomena, Titulo Libro: *The Role and Importance of Mathematics in Innovation*: Springer, , 2016,
RAFAEL LOPEZ CAMINO

Contribuciones en congresos

- 2017 Sesión no plenaria en Congreso: Existence and extendibility of rotationally symmetric spacelike graphs with prescribed higher mean curvature function in Minkowski space., *Young Researcher Workshop on differential Geometry in Minkowski space*, 17/04/2017, IE-Math Granada, Universidad de Granada., Congreso
DANIEL DE LA FUENTE BENITO



- 2017 Ponencia de Seminario: Completeness of inextensible trajectories of accelerated observers and charged particles in stationary spacetimes., Seminario de Geometría y Topología de la Universidad Complutense de Madrid, 24/01/2017, Departamento de Geometría y Topología Universidad Complutense de Madrid, Seminario
DANIEL DE LA FUENTE BENITO
 - 2017 Ponencia de Seminario: Charged particles in presence of an electromagnetic field: completeness of its trajectories through the Kaluza-Klein theory, Seminario Euler, 01/02/2017, Departamento de Matemáticas, Seminario
DANIEL DE LA FUENTE BENITO
 - 2017 Poster en Congreso: Completeness of electromagnetic trajectories in stationary spacetimes, XI International Young Researcher Workshop on Geometry, Mechanics and Control., 12/01/2017, Facultad de Física., Congreso
DANIEL DE LA FUENTE BENITO
 - 2017 Poster en Congreso: Relativistic Kinematics of certain accelerated observers in spacetimes with symmetries., V Iberoamerican Meeting on Geometry, Mechanics and Control, 16/01/2017, Facultad de Matemáticas., Congreso
DANIEL DE LA FUENTE BENITO
 - 2017 Otras ponencias divulgativas: Paradojas Relativistas, Seminario de Geometría y Topología, 12/05/2017, ,,, ,,, FACULTAD DE CIENCIAS UNIVERSIDAD DE GRANADA, Otra actividad de divulgación
DANIEL DE LA FUENTE BENITO
 - 2017 Otras ponencias divulgativas: Geometría y Relatividad, Charlas divulgativas IES Sagrada Familia. Granada, 17/05/2017, Granada, Otra actividad de divulgación
DANIEL DE LA FUENTE BENITO
 - 2017 Poster en Congreso: Maximal hypersurfaces in pp-wave spacetimes, V Iberoamerican Meeting on Geometry, Mechanics and Control, 16/01/2017, Facultad de Matemáticas., Congreso
JOSE ANTONIO SANCHEZ PELEGREN
 - 2017 Poster en Congreso: Uniqueness results for complete maximal hypersurfaces in certain Robertson-Walker spacetimes, XI International Young Researcher Workshop on Geometry, Mechanics and Control., 12/01/2017, Facultad de Física., Congreso
JOSE ANTONIO SANCHEZ PELEGREN
 - 2017 Conferencia en Seminario no publicada: Translating solitons of the mean curvature flow, Analysis and PDE Seminar, 27/02/2017, STANFORD, CA; ESTADOS UNIDOS DE AMERICA, Seminario
FRANCISCO MARTIN SERRANO
 - 2017 Comunicación en congreso: Spherical curves whose curvature depends on distance to a great circle., Congreso Bienal de la Real Sociedad Matemática Española, 30/01/2017, - Zaragoza, España, Congreso
ILDEFONSO CASTRO-INFANTES
 - 2017 Sesión plenaria en Congreso: PROPERLY EMBEDDED MINIMAL ANNULI IN $H^2 \times R$, MINIMAL SURFACES, INTEGRABLE SYSTEMS AND VISUALIZATION. WORKSHOP SPRING 2017, 27/03/2017, CORK - IRLANDA, Congreso
LEONOR FERRER MARTÍNEZ
 - 2016 Ponencia en Congreso: El problema de Yang para subvariedades complejas, I Coloquio de Geometría en el Sur + Este, 20/06/2016, Murcia, Congreso
ANTONIO ALARCÓN LÓPEZ
 - 2016 Comunicación en congreso: Translating solitons, semi-Riemannian manifolds and Lie groups, VIII International Meeting on Lorentzian Geometry, 20/09/2016, Edificio de Ingenierías, Universidad de Málaga, Congreso
MIGUEL ORTEGA TITOS
 - 2016 Conferencia en Seminario no publicada: Translating solitons of the mean curvature flow, Analysis seminar E.T.H. ZURICH, 15/11/2016, Zurich, Suiza, Seminario
FRANCISCO MARTIN SERRANO
 - 2016 Conferencias impartidas: Minimal laminations in Euclidean three-space, Seminar "Topics in Geometric Analysis", 28/04/2016, BERLIN, ALEMANIA, Congreso
JOAQUIN PÉREZ MUÑOZ
 - 2016 Comunicación en congreso: Laminaciones mínimas en R^3 y la conjectura de Hoffman-Meeks, I Coloquio de Geometría en el Sur + Este, 20/06/2016, - Murcia, España, Congreso
JOAQUIN PÉREZ MUÑOZ
 - 2016 Comunicación en congreso: Minimal laminations in R^3 and the Hoffman-Meeks conjecture, FOLIATIONS 2016, 11/07/2016, BEDLEWO, POLONIA, Congreso
JOAQUIN PÉREZ MUÑOZ
 - 2016 Conferencias impartidas: Minimal surfaces with finite total curvature, 7TH EUROPEAN CONGRESS OF MATHEMATICS, 18/07/2016, BERLIN, ALEMANIA, Congreso
MARÍA MAGDALENA RODRÍGUEZ PÉREZ
 - 2016 Comunicación en congreso: Harmonic diffeomorphisms between surfaces, Jornada de Geometría,



15/12/2016, Universidad de Granada - Instituto de Matemáticas, Congreso

MARÍA MAGDALENA RODRÍGUEZ PÉREZ

- 2016 Comunicación en congreso: Harmonic diffeomorphism between complete surfaces of finite topology, 1st Joint Meeting Brazil-Italy in Mathematics, 29/08/2016, RÍO DE JANEIRO (BRASIL), Congreso

MARÍA MAGDALENA RODRÍGUEZ PÉREZ

- 2016 Comunicación en congreso: Minimal surfaces with finite total curvature, 7TH EUROPEAN CONGRESS OF MATHEMATICS, 18/07/2016, BERLÍN (ALEMANIA), Congreso

MARÍA MAGDALENA RODRÍGUEZ PÉREZ

- 2016 Comunicación en congreso: Anillos mínimos de H₂xR con finales horizontales, I Coloquio de Geometría en el Sur + Este, 20/06/2016, Murcia (España), Congreso

MARÍA MAGDALENA RODRÍGUEZ PÉREZ

- 2016 Poster en Congreso: Improper affine spheres and the Hessian one equation, Differential Geometry and its Applications, 11/07/2016, Brno, BRNO, REPUBLICA CHECA, Congreso

FRANCISCO MILÁN LÓPEZ

- 2016 Comunicación en congreso: Translating Solitons, Semi-Riemannian Manifolds, and Lie Groups, XXV INTERNATIONAL FALL WORKSHOP ON GEOMETRY AND PHYSICS, 29/08/2016, , Congreso

MIGUEL ORTEGA TITOS

- 2016 Ponencia en Congreso: Holomorphic Legendrian curves in C₃, Frontiers in Elliptic Holomorphic Geometry, 10/10/2016, Jevnaker, Norway, Congreso

ANTONIO ALARCÓN LÓPEZ

- 2016 Ponencia en Congreso: Completeness of the trajectories electromagnéticas in spacetimes with certain symmetries., I Jornadas de Investigadores en Formación Fomentando la interdisciplinariedad, 18/05/2016, Granada, Congreso

DANIEL DE LA FUENTE BENITO

- 2016 Poster en Congreso: Completeness of certain inextensible accelerated observers in General Relativity., XXV International Fall Workshop on Geometry and Physics, 29/08/2016, - CSIC. MADRID, ESPAÑA., Congreso

DANIEL DE LA FUENTE BENITO

- 2016 Poster en Congreso: Completeness of certain accelerated relativistic trajectories, VIII International Meeting on Lorentzian Geometry, 20/09/2016, Edificio de Ingenierías, Universidad de Málaga, Congreso

DANIEL DE LA FUENTE BENITO

- 2016 Otras ponencias divulgativas: De la ficción a la realidad relativista, Charlas divulgativas IES Sagrada Familia. Granada, 07/04/2016, Granada, Otra actividad de divulgación

DANIEL DE LA FUENTE BENITO

- 2016 Poster en Congreso: Calabi-Bernstein results for complete maximal hypersurfaces in Robertson-Walker spacetimes with flat fiber, XXV International Fall Workshop on Geometry and Physics, 29/08/2016, - CSIC. MADRID, ESPAÑA., Congreso

JOSE ANTONIO SANCHEZ PELEGREN

- 2016 Poster en Congreso: Constant mean curvature spacelike hypersurfaces in spacetimes admitting a parallel lightlike vector field, 8th International Meeting on Lorentzian Geometry, 20/09/2016, Málaga, Congreso

JOSE ANTONIO SANCHEZ PELEGREN

- 2016 Sesión plenaria en Congreso: The classical Calabi-Bernstein theorem: history and new approaches, The 20th International Workshop on Hermitian symmetric Spaces and Submanifolds and The 12th RIRCM-OCAMI Joint Differential Geometry Workshop, 26/07/2016, Kyungpook National University (COREA), Congreso

ALFONSO ROMERO SARABIA

- 2016 Sesión plenaria en Congreso: Spacelike surfaces in GRW spacetimes whose mean curvature function satisfies a nonlinear inequality, The 20th International Workshop on Hermitian symmetric Spaces and Submanifolds and The 12th RIRCM-OCAMI Joint Differential Geometry Workshop, 26/07/2016, Kyungpook National University (COREA), Congreso

ALFONSO ROMERO SARABIA

- 2016 Sesión plenaria en Congreso: Constant mean curvature spacelike hypersurfaces in spacetimes with certain symmetries, The 20th International Workshop on Hermitian symmetric Spaces and Submanifolds and The 12th RIRCM-OCAMI Joint Differential Geometry Workshop, 26/07/2016, Kyungpook National University (COREA), Congreso

ALFONSO ROMERO SARABIA

- 2016 Conferencia Congreso no publicada: Constant mean curvature surfaces in the steady state space, 7TH EUROPEAN CONGRESS OF MATHEMATICS, 18/07/2016, BERLIN, ALEMANIA, Congreso

RAFAEL LOPEZ CAMINO

- 2016 Comunicación en congreso: Existence of spacelike graphs of constant mean curvature in the steady state space, VIII International Meeting on Lorentzian Geometry, 20/09/2016, Málaga, Congreso

RAFAEL LOPEZ CAMINO

- 2016 Comunicación en congreso: Stability and bifurcation of a capillary fluid on an infinite cylinder, VI Iberian



- Mathematical Meeting, 06/10/2016, . SANTIAGO DE COMPOSTELA, Congreso
RAFAEL LOPEZ CAMINO
- 2016 Sesión plenaria en Congreso: Stability analysis of a capillary fluid on an infinite cylinder, Geometric inequalities on Riemannian manifolds and related topics, 23/11/2016, BUSAN, Congreso
RAFAEL LOPEZ CAMINO
- 2016 Sesión plenaria en Congreso: New examples of minimal surfaces, PNU Math Forum 2016, 01/12/2016, BUSAN, COREA, COREA, Congreso
RAFAEL LOPEZ CAMINO
- 2016 Sesión plenaria en Congreso: Finslerian Geometry from a Lorentzian viewpoint, New Methods in Finsler Geometry, 05/07/2016, Leipzig, ALEMANIA, Congreso
MIGUEL SANCHEZ CAJA
- 2016 Sesión plenaria en Congreso: Generalized Fermat principle and Zermelo navigation: a link between Lorentzian and Generalized Finslerian Geometries, 8th International Meeting on Lorentzian Geometry, 20/09/2016, Málaga, Congreso
MIGUEL SANCHEZ CAJA
- 2016 Sesión plenaria en Congreso: Lorentzian Variational Problems, Fermat Principle and Zermelo Navigation, Achievements and Perspectives in Nonlinear Analysis, 14/06/2016, Bari, Congreso
MIGUEL SANCHEZ CAJA
- 2016 Poster en Congreso: Plane curves whose curvature depends on distance from a point., II Encuentro conjunto BMS-RSME-SML, 06/06/2016, Logroño, España, Congreso
ILDEFONSO CASTRO-INFANTES
- 2016 Comunicación en congreso: Can a plane curve be determined if its curvature is given in terms of its position?, 7th European Congress of Mathematics, 18/07/2016, Berlín (Alemania), Congreso
ILDEFONSO CASTRO-INFANTES
- 2016 Comunicación en congreso: Interpolación por Superficies Mínimas., Taller de Jóvenes Investigadores de la Red Española de Análisis Geométrico, 27/09/2016, IEMATH - UGR, Congreso
ILDEFONSO CASTRO-INFANTES