Vicent Gimeno Garcia

Departament de Matemàtiques Universitat Jaume I 12071 Castelló, Spain		
PERSONAL DATA	Born 18th of July 1980 in Castelló de la Plana, Province of Castelló, Spain.	
EDUCATION AND DEGREES	<i>Llicenciatura en Física</i> (Degree in Physics) University of Valencia.	April 2005
	Master in Computational Mathematics University Jaume I Castelló.	February 2011
	<i>PhD in Mathematics</i> (Supervisor: Vicente Palmer) University Jaume I Castelló.	November 2012
PHD THESIS	Creixement del Volum i Nombre de Finals de Subvarietats (Volume Growth and Number of Ends of Submanifolds). Department of Mathematics, University Jaume I, Castelló, 2012, 98 pages.	
PROFESSIONAL APPOIMENTS	Grant of University Jaume I June 2009 - December 2010 Análisis Geométrico de Procesos de Difusión en variedades Riemannianas y semi- Riemannianas. Directed by Vicente Palmer	
	Grant of University Jaume I February Análisis Geométrico en subvariedades de una variedad de H Vicente Palmer	2010 - November 2010 Riemman. Directed by
	Grant of University Jaume I M Análisis Geométrico en subvariedades de una variedad de H Vicente Palmer	March 2011 - June 2011 Riemman. Directed by
	Grant of the project MTM2010-21206-C02-02 J Análisis Geométrico de la función distancia en una variedad by Vicente Palmer	une 2011- August 2011 <i>Riemanniana</i> . Directed
	Visiting Researcher at Department of Mathematics of DTU Technical University of Denmark, Copenhagen.	June 2012
	Assistant professor Department of Mathematics University Jaume I Castelló. Análisis Geométrico de la función distancia en una variedad by Vicente Palmer	From January 2013 Riemanniana. Directed

	Guest Researcher at Department of Mathematics of DTU April 7- April 14. 2013 Technical University of Denmark, Copenhagen.	
PUBLICATIONS (RESEARCH PAPERS)	 (With V. Palmer) Extrinsic isoperimetry and compactification of minimal surfaces in Euclidean and Hyperbolic spaces. To appear in Israel Journal of Mathematics, DOI 10.1007/s11856-012-0100-6,arXiv: 1011.5380, Nov. 2010. 	
	• (With V. Palmer) Volume growth and the Cheeger isoperimetric constant of submanifolds. To appear in Proceedings of the American Mathematical Society, arXiv:1104.5625, Apr 2011.	
	• (With V. Palmer) Volume growth, number of ends and the topology of complete submanifolds. To appear in Journal of Geometric Analysis DOI 10.1007/s12220-012-9376-3. arXiv: 1112.4042, Dec. 2011, 22 pp.	
	• (With J. Sotoca) Geometric approach to non-relativistic Quantum Dynamics of mixed states . arXiv:1302.1333 . February 2013. Accepted to Journal of Mathematical Physics.	
PUBLICATIONS (RESEARCH PREPRINTS)	• On the fundamental tone of minimal submanifolds with controlled extrinsic curvature . arXiv:1301.1148 . January 2013.	
WORK IN PREPARATION	• (With Steen Markvorsen) Ends and fundamental tones of minimal submanifolds via extrinsic comparison theory.	
	• Jellet Theorem revisited.	
	• (With V. Palmer) Number of ends and Cheeger isoperimetric constant.	
INVITED TALKS	• Volume growth of submanifolds and number of ends, Cheeger isoperimetric con- stant and Laplacian spectrum, in Taller de Análisis Geométrico REAG, ICMAT, Madrid, May 2012.	
	• Volume growth of submanifolds and number of ends, Cheeger isoperimetric con- stant and Laplacian eigenvalues, in Differential Geometry Workshop of Techni- cal University of Denmark, Copenhagen, June 2012.	
WORKSHOPS AND	• Assistance to XIX International Fall Workshop on Geometry and Physics. Oporto 2010.	
CONFERENCES	• Poster Isoperimetric analysis, Topological type, and Gap phenomena for sub- manifolds in Riemannian manifolds with a pole in Congreso de la Real Sociedad Matemtica Espaola. Avila 2011.	
	• Assistance to Doc-Course Submanifold Theory and Applications. Sevilla 2011.	
	• Assistance to International Conference On Surface Theory. Sevilla 2011.	
	• Assistance to <i>Geometry Workshop</i> Niels Bohr academy at University of Copenhagen in June of 2012.	
	• Poster <i>What a metric can do for you</i> in EMS/DMF joint mathematical weekend. Aarhus 2013.	
REVIEWS	Reviewer for ISRN Geometry, Hindawi Publishing Corporation .	
Awards	Second prize due to poster <i>What a metric can do for you</i> in the EMS/DMF joint mathematical weekend. Aarhus 2013.	