

## Ignacio Luengo

---

CONTACT INFORMATION	Facultad de Matematicas Universidad Complutense de Madrid Plaza de Ciencias 3 28040, Madrid, SPAIN	<i>Voice:</i> (+34) 913944573, 649921423 (cell.) <i>Fax:</i> (+34) 913944662 <i>E-mail:</i> <a href="mailto:iluengo@mat.ucm.es">iluengo@mat.ucm.es</a> <i>WWW:</i> <a href="http://www.mat.ucm.es/~iluengo">http://www.mat.ucm.es/~iluengo</a>
PERSONAL	Born on February 7, 1953 in Madrid (Spain).	Widower. Sons: Javier and Miguel.
EDUCATION	<b>Universidad Complutense de Madrid, Spain</b> Ph.D. Mathematics, 1979 M.S., Mathematics, 1975	
ACADEMIC POSITIONS	<b>Universidad Complutense de Madrid, Spain</b> Assoc. Professor, Universidad Complutense. 1982-1986 Professor, Universidad Complutense. 1986-present	
VISITING ACAD. AND RESEARCH POSITIONS	Columbia U. , Harvard U. , U. Paul Sabatier (Toulouse), U. Joseph Fourier (Grenoble), CWI (Amsterdam), U. Genève, Newton Inst., U. Bordeaux 1, Toronto U., IML (Marseille), Berkeley U..	
RESEARCH INTERESTS	Singularities, Algebraic Geometry, Conmutative Algebra, Complex Dynamics, Algebraic Coding Theory, Cryptography, Cryptanalysis.	
SELECTED PUBLICATIONS	Luengo, I. A counterexample to a conjecture of Zariski. <i>Math. Ann.</i> 267 (1984), no. 4, 487-494 Luengo, I. The $\mu$ -constant stratum is not smooth. <i>Invent. Math.</i> 90 (1987) Gomez-Mont J. , Luengo, Ignacio Germs of holomorphic vector fields in $C^3$ without a separatrix. <i>Invent. Math.</i> 109 (1992), no. 2, 211-219 Gussein-Zade S. , Luengo I. , Melle A. Partial resolutions and the zeta-function of a singularity. <i>Comment. Math. Helv.</i> 72 (1997), no. 2, 244-256 Lopez, Luengo, I. Codes on Drinfeld modular curves. <i>Coding theory, cryptography and related areas (Guanajuato, 1998)</i> , 175-183, Springer, Berlin, 2000. Artal E. , Cassou-Noguès Pi. , Luengo, I. Monodromy conjecture for some surface singularities. <i>Ann. Sci. École Norm. Sup. (4)</i> 35 (2002), no. 4, 605–640. Gussein-Zade S. , Luengo I., Melle A. A power structure over the Grothendieck ring of varieties. <i>Math. Res. Lett.</i> 11 (2004), no. 1, 49-57. Artal E. , Cassou-Noguès Pi. , Luengo I. , Melle A. Quasi-ordinary power series and their zeta functions. <i>Mem. Amer. Math. Soc.</i> 178 (2005), no. 841, vi+85 pp. Luengo I. , Melle A. , Némethi A. Links and analytic invariants of superisolated singularities. <i>J. Algebraic Geom.</i> 14 (2005), no. 3, 543–565. Abhyankar S.S. , Luengo I. Algebraic theory of dicritical divisors, <i>Amer. Jour. Math</i> 2010 (in press)	

RESEARCH  
ACTIVITIES

Participation in research project from MEC (Spanish Education Ministry), EU SCIENCE program, and bilateral research project (Acciones Integradas)

Project Coordinator of 5 research From Spanish MEC during the periods: 1989-91, 1991-94, 1995-97, 1998-2001, 2001-04, 2005-007.

Local coordinator for a SCIENCE project of the EU 3th FP

Project Coordinator of bilateral research projects (Acciones Integradas) with groups of Austria, France, Germany, Hungary and United Kingdom.

EVALUATION  
ACTIVITIES

· Participation in evaluation panels:

- *Brussels*: RTN, Marie Curie Fellowships, Marie Curie Training Site ... (4FP, 5FP, 6FP)
- *Spain*: ANEP (research projects evaluation)
- CNEAI (individual researchers evaluation)

OTHER  
ACTIVITIES

Event organization:

- RSME Santalo School "Recent trends in cryptography", Santander (2005)
- CIMPA school on Singularities, Madrid (2006)
- Workshop on Affine Geometry, Number Theory and Singularities, Castro Urdiales (2008)