

Sisto Baldo, short C.V.

Born in Rovereto (Italy), 7-3-1965, married, one daughter.

Master in Mathematics cum laude in Pisa, 1988.

From 1989 to 1991, PhD student at Scuola Normale Superiore, Pisa.

From 1991 to 1999, Ricercatore in Mathematical Analysis, Università di Trento.

1997: Marie Curie Fellowship (E.U.) at the Ecole Normale Supérieure de Cachan (France).

1999-2002: Associate Professor in Mathematical Analysis, Università della Basilicata,

2002-2008: Associate Professor in Mathematical Analysis, Università di Trento.

Since October, 2008: Associate Professor in Mathematical Analysis, Dept. of Computer Science, Università di Verona.

Quality Assurance Manager (Referente per l'Assicurazione della Qualità) for the Master's Degree in Mathematics – Università di Verona.

Member of the Scientific Committee of Matematita (Interuniversity research center for the communication and informal learning of mathematics)

Research interests:

Mathematical Analysis: Calculus of Variations, Geometric Measure Theory, geometric variational problems. Phase transition problems and free boundary problems in Mathematical Physics. Teaching, communication and informal learning of Mathematics.

Recent Publications:

M. Bicego, S. Baldo: Properties of the Box-Cox transformation for pattern classification, *Neurocomputing* 218 (2016), 390-400

S. Baldo, Consonanza, dissonanza e sinusoidi in "Vedere la matematica...alla maniera di Mimmo Luminati", F. Broglia, M. Dedo', I. Tamanini (eds.), ETS, Pisa (2015)

S. Baldo, R. L. Jerrard, G. Orlandi, H.M. Sonner, *Vortex Density Models for Superconductivity and Superfluidity*, *Communications in Mathematical Physics* 318 (2013), 131-171

S. Baldo, R. L. Jerrard, G. Orlandi, H.M. Sonner, Convergence of Ginzburg–Landau Functionals in Three-Dimensional Superconductivity, *Archive for Rational Mechanics and Analysis*, Volume 205 (2012), Issue 3, pp 699-752

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Carli Anna; Bicego Manuele; Baldo Sisto; Murino Vittorio, Nonlinear mappings for generative kernels on latent variable models , Atti di "IEEE Conference on Pattern Recognition" , Istanbul, Turkey , August 23-26, 2010 , 2010

S. Baldo, G. Orlandi, S. Weikamp: Convergence of minimizers with local energy bounds for the Ginzburg-Landau functionals, Indiana Univ. Math. J. 58 (2009), 2369-2408

CARLI A., BICEGO M., BALDO S., MURINO V., Non-linear generative embeddings for kernels on latent variable models in Workshop proceedings of ICCV 2009 , Atti di "IEEE International Conference on Computer Vision 2009" , Kyoto, Japan , September 27 - October 4, 2009

Baldo Sisto; Orlandi Giandomenico; Weikamp Sascha: Asymptotic behavior of energy-bounded local minimizers of the Ginzburg-Landau functionals. in Singularities in nonlinear evolution phenomena and applications - Proceedings a cura di Novaga Matteo; Orlandi Giandomenico , Edizioni della Normale , Atti di "Singularities in nonlinear evolution phenomena and applications" , Centro di Ricerca Matematica Ennio de Giorgi (Pisa) , 26-30 maggio 2008 , 2008 , pp. 47-57

G. Alberti, S. Baldo, G. Orlandi: Variational convergence for functionals of Ginzburg-Landau type. Indiana Univ. Math. J. 54 (2005),no. 5, 1411-1472.