

CURRICULUM VITAE
JUNE 2018

INGRID BELTIȚĂ

PERSONAL DATA.

- Name: Ingrid Alma Belțiță
- Address: Institute of Mathematics "Simion Stoilow" of the Romanian Academy, PO Box 1-764, Bucharest, Romania.
e-mail: ingrid.beltitagmail.com
webpage: <http://www.imar.ro/ibeltita/>
- Present position: Senior Researcher 2, Institute of Mathematics "Simion Stoilow" of the Romanian Academy, since March 2016.
- Previous employments:
 - 1995–1999: Research Assistant, Institute of Mathematics "Simion Stoilow" of the Romanian Academy.
 - 1999–2005: Researcher, Institute of Mathematics "Simion Stoilow" of the Romanian Academy
 - 2005–2016: Senior Researcher 3, Institute of Mathematics "Simion Stoilow" of the Romanian Academy

EDUCATION.

- Ph. D. in Partial Differential Equations, University of Bucharest (2005). Thesis: *Inverse scattering problems for stratified media*. Advisor Prof. V. Iftimie

RESEARCH INTERESTS.

- real and abstract harmonic analysis, C^* -algebras of Lie groups, exponential Lie groups, partial differential equations

SELECTED LECTURES IN INTERNATIONAL MEETINGS.

- *Quasidiagonality of C^* -algebras of solvable Lie groups*, Barcelona Conference on C^* -Algebras: Structure, Classifications and Dynamics, 19-23 June 2017. CRM Barcelona.
- *On C^* -algebras of exponential Lie groups*. Seminar (28 October 2016) Simons Semester "Noncommutative geometry the next generation", IMPAN Warsaw.
- *On C^* -algebras of exponential Lie groups*, Groups and Operators, Chalmers, Gothenburg, 15-18 August, 2016.
- *Banach space representations of nilpotent Lie groups, smooth vectors and pseudo-differential operators*, Noncommutative Analysis and Partial Differential Equations, Imperial College London, UK, 11-15 April 2016.

- *Spectral synthesis for coadjoint orbits of nilpotent Lie groups*, Geometric and Harmonic Analysis on Homogeneous Spaces and Applications, in Honor of Professor Jean Ludwig, Monastir, 18-23 December 2015.
- *Fourier transforms on C^* -algebras of nilpotent Lie groups*, Representation theory of groups, quantum groups, and operator algebras, University of Copenhagen, June 1 - 5, 2015.
- *Weyl-Pedersen calculus on coadjoint orbits of nilpotent Lie groups*. 9th International Conference on Harmonic Analysis and Partial Differential Equations, El Escorial, June 11-15, 2012.
- Short course: *Local smoothing for the backscattering transform*, ICMAT Madrid 2011, Special Trimester on Inverse Problems: Theoretical and Numerical Aspects of Inverse Problems and Scattering Theory.

GRANT COORDINATION.

- *Harmonic Analysis on Solvable Lie Groups*, Grant of the Romanian National Authority for Scientific Research CNCS-UEFISCDI, Project code RU-TE-2014-4-0370, 2015-2017.

VARIOUS.

- "Spiru Haret" Prize for Mathematics of the Romanian Academy, 2009, together with Anders Melin for the work in backscattering theory.