

CURRICULUM OF THE SCIENTIFIC ACTIVITY – RICCARDA ROSSI¹

CURRENT POSITION

Associate Professor of Mathematical Analysis at the University of Brescia since 15/07/2015. Since 01/03/2012, Research Fellow at the CNR Institute *IMATI* in Pavia.

EDUCATION

26/09/2000: Degree in Mathematics, University of Pavia, with the final mark 110/110 CUM LAUDE
02/11/2005: PhD title in Mathematics, University of Milano, with the thesis “Existence and compactness results for evolution equations and applications to phase field models” (supervisor: Giuseppe Savaré).

POSITIONS

01/11/2004–06/07/2006: Post-doc at the Department of Mathematics of the University of Brescia.
07/07/2006–14/07/2015: Assistant Professor of Mathematical Analysis at the University of Brescia.

RESEARCH EXPERIENCES ABROAD

Since 2004, I have been a visitor at the *Institut für Analysis, Dynamik und Modellierung*, University of Stuttgart; the *Weierstrass Institute for Applied Analysis and Stochastics (WIAS)* (Berlin); the Department of Mathematics of the University of Poitiers; Department of Mathematics of the Charles University (Prague); the *Centre for Mathematics / M6*, Technical University of Munich; the Department of Mathematics of Technische Universiteit Eindhoven.

TALKS AT WORKSHOPS AND CONFERENCES

I have given 55 talks at workshops and conferences, most of them international.

SEMINARS AT UNIVERSITIES AND RESEARCH INSTITUTES

I have given 20 talks at various Universities and Research Institutes, mostly abroad.

ORGANIZING ACTIVITY

Organization of the conference “INDI2011 – Interfaces and Discontinuities in Solids, Liquids, and Crystals”, Gargnano, 19–23 June 2011; Organization of the Young Researchers’ Minisymposium *Analytical and engineering aspects in the material modeling of solids*, at the conference GAMM 2013 – 84th Annual Meeting of the International Association of Applied Mathematics and Mechanics, Novi Sad, 18–22 March 2013; Organization of the conference “SMACS2015 – Special Materials in Complex Systems”, INDAM, Roma, 18–22 May 2015; Organization of the conference “SMACS2018 – Special Materials and Complex Systems”, Gargnano 18–22 June 2018.

RESEARCH INTERESTS

1. compactness results for evolution problems;
2. abstract evolution equations in Banach and metric spaces;
3. analysis of *rate-independent* systems;
4. analytical problems for phase transition and phase separation;
5. adhesive contact, delamination, damage.

Author of 65 **publications**: 55 published papers, 4 submitted technical reports, 6 contributions to Proceedings.

Date 06/05/2019.

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