

CURRICULUM VITAE DI DONATELLA DONATELLI

EDUCATION

Laurea (cum laude) in Mathematics, University of L'Aquila.

Perfezionamento in matematica at the Classe di Scienze of the Scuola Normale Superiore Pisa, January 1, 1999 - August 31, 2001.

ACADEMIC POSITIONS

Full Professor, 04/2019-present- DISIM- University of L'Aquila

Associate Professor, 23/12/2014-03/2019, DISIM- University of L'Aquila

Assistant Professor, 01/2001-23/12/2014, University of L'Aquila

ACADEMIC APPOINTMENTS

- Deputy Chairman of the Department of Information Engineering, Computer Science and Mathematics of the University of L'Aquila, July 26, 2019-present.
- Vice-Director of the Bachelor and Master Program in Mathematics, University of L'Aquila, 27/11/2014- 31/10/2017.
- Member of the International Relations Committee of the DISIM, University of L'Aquila, 09/2013-present.
- Member of the Giunta of the Department of Engineering, Computer Science and Mathematics, University of L'Aquila, for the years 2016-present.
- Member of the Phd Board of the Ph.D program in Mathematics University of L'Aquila, 2009-2012.
- Member of Phd Board of the Ph.D program in Mathematics and Modeling since 2013-present.
- Referee for the projects:FIR- Futuro in Ricerca 2013 (MIUR), DFG-grants 2018 of the Deutsche Forschungsgemeinschaft (German Research Foundation), ANR-grants 2018,2020 of the French National Research Agency (ANR), SONATA 2019- Funding scheme of the National Science Centre, Poland.
- Associate Secretary of the Unione Matematica Italiana, June 2021-present.

AWARDS AND SCIENTIFIC ACKNOWLEDGMENTS

- Prize Marisa Bellisario 2011 in the section "I giovani talenti della ricerca d'eccellenza italiana" per le Scienze Matematiche e Informatiche (Nationwide price under the auspices of the Italian President of Republic, <http://www.fondazionebellisario.org/il-premio/edizioni-del-premio-marisa-bellisario/il-premio-2011/>).
- Prize "Alfredo di Braccio" at the University of L'Aquila, December 2000.
- French National Scientific Qualification as "Professeur des universit es" in the Scientific Section 26, issued by Ministere de l'enseignement superieur et de la Recherche, France, February, 13 2012.

COORDINATOR OF NATIONAL AND INTERNATIONAL PROJECTS

- Local Coordinator of the L'Aquila Research Unit of the PRIN Project 2020: Nonlinear evolution PDEs, fluid dynamics and transport equations: theoretical foundations and applications
- Scientific Coordinator of the L'Aquila Team of the European Project Marie Curie Actions- MSCA-ITN-2014-ETN, Horizon 2020 "ModCompShock-Modelling and Computation of Shocks and Interfaces", <http://modcompshock.eu>, Grant Agreement N: 642768.
- Coordinator of the LLP-EU Intensive Programme "If fluid dynamics turns to biology", 2012, contract N.2012-1-IT2-ERA10-38827.
- Coordinator of the LLP-EU Intensive Programme "If fluid dynamics turns to biology", 2011, contract N.2011-1-IT2-ERA10-27088.

- Principal Investigator of the Research Grants of INdAM, project GNAMPA 2013 - Stabilità comportamenti asintotici e limiti singolari per modelli iperbolici-parabolici nelle scienze applicate.
- Principal Investigator of the Research Grants of INdAM, project GNAMPA 2011 - Modelli fluidodinamici e sistemi iperbolico-parabolici nelle scienze applicate.
- Principal Investigator of the Research Grants of INdAM, project GNAMPA 2009 - Modelli matematici di tipo fluidodinamico.

VISITING

- Institute of Mathematics Polish Academy of Sciences, Warsaw, Poland, 7–12/04/2019.
- Department of Mathematics, University of Sussex, Brighton, UK, 12–16/02/2019.
- Forschungsinstitut für Mathematik (FIM)- ETH Zurich, Zurich, Switzerland, 16–20/04/2018.
- Department of Mathematics and Statistics, McGill University, Canada, 15–26/05/2015.
- Mathematical Institute of the Academy of Sciences of the Czech Republic, Prague, Czech Republic, 3–9/11/2013, 10–15/03/2013, 20–27/03/2010, 29/03-12/04/2009.
- Center for Scientific Computation and Mathematical Modeling (CSCAMM) and Department of Mathematics, University of Maryland, College Park, USA, 04-05/ 2013.
- MAPMO-Le Laboratoire de Mathématiques - Analyse, Probabilités, Modélisation - Orleans, France, 03/2012.
- Department of Mathematics, Stanford University, Palo Alto, USA, 03/2008.
- Department of Mathematics, University of Maryland, College Park, USA, 04-05,2005, 02–03, 2007
- Isaac Newton Institute for Mathematical Sciences, Cambridge, UK during the program “Nonlinear Hyperbolic Waves in Phase Dynamics and Astro- physics”, 03-04/ 2003.

INVITED SPEAKER(SHORT)

- Workshop on Shocks and Interfaces, 5–9/07/2019, University of Oxford, Oxford, UK.
- Workshop Hydro dynamic models in PDEs, 22–23/10/2018, Imperial College London.
- Meeting on Equazioni alle Derivate Parziali nella Dinamica dei Fluidi, 5–7/10/2018, Centro di Ricerca Matematica E. De Giorgi, Pisa.
- Conference Prague Compressible Meeting- In honor of the 60th birthday of Eduard Feireisl, 18–20/12/,2017, Prague, Czech Republic.
- Conference IPERPV2017-XVII Italian Meeting on Hyperbolic Equations, 6–8/09/2017, Pavia, Italy.
- Conference 11th Meeting on Nonlinear Hyperbolic PDEs and Applications -On the occasion of the 60th birthday of Alberto Bressan , Trieste, Italy, 13-17/06/2016.
- XV International Conference on Hyperbolic Problems: Theory, Numerics, Applications - HYP2014, IMPA, Rio de Janeiro, July 28– August 1, 2014.
- Nonlinear Conservation Laws and Related Models, 9-14/06/2013, Banff International Research Station for Mathematical Innovation and Discovery (BIRS), Canada.
- Conference Ninth meeting on Hyperbolic Conservation Laws and Fluid Dynamics: Recent results and Research perspectives, 18–22/06/2011, SISSA, Trieste.
- Workshop on Continuum and kinetic methods in the theory of shocks, fronts, dislocations and interfaces”, 20–24/06/2011, Heraklion, Crete.
- Eighth meeting on Hyperbolic Conservation Laws and Fluid Dynamics: Recent results and Research perspectives, 2–4/09/2010, SISSA, Trieste.
- The Twelfth International Conference on “Hyperbolic Problems: Theory, Numerics, Applications” 9-13/06/2008, University of Maryland, College Park, USA.
- Conference “Dispersive equations on manifolds”, 9-11/04/2008 in Orleans, France.

SCIENTIFIC ORGANIZATION (SHORT)

- Organizer of a mini-symposium for “Congresso Nazionale SIMAI 2018”, Rome, July 2–6, 2018.
- Chair of the Organizing Committee of the “Intensive Program on Fluids and Waves”, GSSI, L’Aquila, May 21- June 15, 2018.
- Chair of the Organizing Committee of the workshop “Women in Applied and Computational Mathematics”, GSSI, L’Aquila, 9-11/05/ 2018.
- Chair of the Organizing Committee of the workshop “16th Italian Meeting of Hyperbolic Equations- IperGSSI2015”, GSSI, L’Aquila, 22–24/10/2015.
- Organizer of a special session for the “Joint meeting of the American, European, and Portuguese mathematical societies”, Porto, Portugal, 10–13/06/2015.
- Member of the Organizing Committee of the “Tenth meeting on Hyperbolic Conservation Laws: Recent results and Research perspectives”, L’Aquila, 11–12/07/2013.
- Coordinator and organizer of the LLP-EU Intensive Programmes Fluid2Bio - If Fluid Dynamics turns to Biology, contract N. 2012-1-IT2- ERA10-38837, L’Aquila, 24 June- 5 July 2013, 4–16 June 2012
- Member of the Local Organizing Committee of the The Fourteenth International Conference on “Hyperbolic Problems: Theory, Numerics and Applications”, 25-29/06/2012, University of Padova, Italy.
- Vice-coordinator and organizer of the LLP-EU Intensive Programmes MathNanoSci-When mathematics meets nanosciences, L’Aquila, 5–17/06/2011, 3-21/05/2011, 7-19/09/2009
- Member of the Scientific and Organizing Committee of the “Sixth meeting on Hyperbolic Conservation Laws: Recent results and Research perspectives”, L’Aquila, 17–19/07/2008.
- Member of the Local Organizing Committee of the “Workshop on Dispersive equations in mathematical physics”, September 25–27/09/2003.
- Member of the Local Organizing Committee of the “Conference on Nonlinear PDE’s”, L’Aquila, June 5–8/06/2002.