

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Antonello Filippi**
Address(es) 202 Dipartimento di Chimica e Tecnologie dell Farmaco, P.le A. Moro, 5 – 00185 Rome, Italy
Telephone(s) **39-06-49913923 Mobile:
Fax(es) **39-06-49913602
E-mail antonello.filippi@uniroma1.it
Nationality Italian
Date of birth
Gender M

Occupational field (S s/d)

Work experience

Dates 2006
Associate Professor
Dip. Chimica e Tecnologie del Farmaco, P.le A. Moro, 5 Rome 00185 - Italy
CHIM03
Study of the noncovalent interactions between neutral and charged diastereomeric aggregates in the gas phase, IRMPD investigation of chiral molecular and supramolecular systems.
Project manager of the Research Project C26A06MNNR of the University of Rome "La Sapienza"
"Enantioselectivity in chiral receptors"

1996
Assistant Professor
Dip. Chimica e Tecnologie del Farmaco, P.le A. Moro, 5 Rome 00185 - Italy
CHIM03
Study of chiral ions in the gas phase: structure-reactivity relationship.
Project manager of the Research Project C26F059933 of the Faculty of Pharmacy of the University of Rome "La Sapienza" "Experimental e theoretical study of the facial diastereoselectivity of substituted 2-adamantyl cations"

1986
Assistant Researcher
Nuclear Chemistry Institute – CNR Area Ricerca Roma Montelibretti
Gas-phase ion chemistry, synthesis and analysis of labeled molecules.

Occupation or position held
Main activities and responsibilities

Name and address of employer
Sector

Education and training

Dates 1992

Title of qualification awarded degree in Chemistry

Name and type of organisation providing education and training University of Rome "La Sapienza", Rome, Italy

Personal skills and competences

Gas phase ion chemistry and chiral recognition phenomena (enantioselectivity, diastereoselectivity) investigated by means of integrated mass spectrometry, IRMPD spectroscopy and theoretical *Ab initio* and DFT calculations.

Mother tongue(s) Italian

Other language(s) **English**

Self-assessment

European level (*)

Language

Language

Understanding		Speaking		Writing			
Listening		Reading		Spoken interaction		Spoken production	
	B1		B1		B1		B1

(*) [Common European Framework of Reference for Languages](#)

Additional information

Include here any other information that may be relevant, for example contact persons, references, etc.

Receiving

Annexes

List any items attached.

- # Riferimento
- 1 Frascchetti, Caterina; Pierini, Marco; Villani, Claudio; Gasparrini, Francesco; Mortera, Stefano Levi Antonello; Speranza, Maurizio
The "Bridge" Game: Role of the Fourth Player in Chiral Recognition
Chemistry--A European Journal (2011), 17(11), 3078-3081
 - 2 Caterina Frascchetti, Maurizio Speranza, Antonello Filippi
Does a chiral alcohol really racemize when its OH group is protected with Boyer's reaction?
Chirality 2010 22(1), 88-91
 - 3 Aschi, Massimiliano; Frascchetti, Caterina; Filippi, Antonello; Speranza, Maurizio
Reaction diastereoselectivity of chiral aminoalcohols/[Co(II)NO₃]⁺ complexes in evaporating ESI
new insights from a joint experimental and computational investigation.
Journal of Mass Spectrometry 2009, 44(7), 1038-1046
 - 4 Frascchetti Caterina; Novara Francesca R.; Filippi Antonello; Speranza Maurizio; Trout Neil A.; Adc
Marcantoni Enrico; Renzi Gabriele; Roselli Graziella; Marcolini Mauro
Gas-Phase Facial Diastereoselectivity of Equatorial and Axial 4-Chloro-adamant-2-yl Cations.
Journal of Organic Chemistry (2009), 74(15), 5135-5144
 - 5 Frascchetti, Caterina; Aschi, Massimiliano; Filippi, Antonello; Giardini, Anna; Speranza, Maurizio.
Fast stereoselective reactions in electrosprayed Co(II)/neurotransmitter nanodroplets"
Chemical Communications (Cambridge, United Kingdom) (2008), (22), 2544-2546
 - 6 Francesco Gasparrini, Marco Pierini, Claudio Villani, Antonello Filippi, Maurizio Speranza
Induced-Fit in the Gas Phase: Conformational Effects on the Enantioselectivity of Chiral Tetra-Am
Macrocycles"
J. Am. Chem. Soc. 2008, 130(2), 522-534
 - 7 Frascchetti, Caterina; Novara, Francesca R.; Filippi, Antonello; Trout, Neil A.; Adcock, William; Sc
Speranza, Maurizio.
Gas-Phase Diastereoselectivity of Secondary 5-Substituted (X)-Adamant-2-yl (X = F, Si(CH₃)₃) C
Journal of Organic Chemistry (2007), 72(11), 4077-4083
 - 8 Filippi, Antonello; Giardini, Anna; Marcantoni, Enrico; Paladini, Alessandra; Piccirillo, Susanna; Re
Rondino, Flaminia; Roselli, Graziella; Satta, Mauro; Speranza, Maurizio.
Dissymmetry effects on the laser spectroscopy of supersonically expanded rare gas/chiral arene
Physical Chemistry Chemical Physics 2007, 9(14), 1676-1679
 - 9 Filippi, Antonello; Frascchetti, Caterina; Renzi, Gabriele; Roselli, Graziella; Speranza, Maurizio.
Substituent effects on the stereochemistry of gas-phase intracomplex nucleophilic substitutions
Chem. Eur. J. 2006, 12(30), 7913-7919
 - 10 Botta, Bruno; Caporuscio, Fabiana; D'Acquarica, Ilaria; Delle Monache, Giuliano; Subissati, Debo
Andrea; Botta, Maurizio; Filippi, Antonello; Speranza, Maurizio.
Gas-phase enantioselectivity of chiral amido[4]resorcinarene receptors
Chem. Eur. J. 2006, 12(31), 8096-8105
 - 11 Botta, Bruno; Caporuscio, Fabiana; Subissati, Deborah; Tafi, Andrea; Botta, Maurizio; F
Antonello; Speranza, Maurizio.
Flattened cone 2,8,14,20-tetrakis(L-valinamido)-[4]resorcinarene: an enantioselective alloste
the gas phase
Angewandte Chemie, International Edition 2006, 45(17), 2717-2720
 - 12 Giardini Anna; Paladini Alessandra; Catone Daniele; Piccirillo Susanna; Rondino Flami
Mauro; Filippi Antonello; Speranza Maurizio; Turchini Stefano; Zema Nicola.
Photo-ionization spectroscopy and mass spectrometry of some molecular and supramole
asymmetric systems in the isolated state
Chirality 2006, 18(7), 562-8
 - 13 C. Frascchetti, M. Montagna, M. E. Crestoni, A. Calcaterra, F. Aiello, L. Santi and A. Filippi
Information on Europe: <http://www.europe-portal.com>
For more information on Europe: <http://www.europe-portal.com>
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peptides
Org. Biomol. Chem., 2017, 15, 1183-1189
 - 14 Frascchetti, Caterina; Filippi, Antonello; Borocci, Stefano; Steinmetz, Vincent; Speranza,
Isomerism of Cycloserine and Its Protonated Form

Works	
Textbooks (Chapters, etc.)	Chimica Generale e Inorganica - 2013 Editore: Edi.Ermes s.r.l. Milano (Italia) - ISBN 978-88-7051-336-3