

## PERSONAL INFORMATION

**Stefano Farris**

Department of Food, Environmental and Nutritional Sciences

Università degli Studi di Milano

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## CURRENT POSITION

Full Professor, Department of Food, Environmental and Nutritional Sciences (DeFENS) - Packaging lab, University of Milan, Italy

## WORK EXPERIENCE

|                             |   |
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| March 2020-December 2020    | <b>Associate Professor</b><br>Università degli Studi di Milano                            |
| February 2017-February 2020 | <b>Assistant Professor (3-year contract) - Type B</b><br>Università degli Studi di Milano |
| December 2013-December 2017 | <b>Assistant Professor (3-year contract) - Type A</b><br>Università degli Studi di Milano |

## EDUCATION AND TRAINING

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|-----------|--|---|
| 2011      | <b>Postdoctoral scientist</b><br>Department of Fibre and Polymer Technology, School of Chemical Science and Engineering - Polymeric Materials Division, KTH - Royal Institute of Technology, Stockholm | t |
| 2008-2010 | <b>Postdoctoral scientist</b><br>Department of Food, Environmental and Nutritional Sciences (DeFENS), University of Milan, Italy   | t |
| 2007-2008 | <b>Postdoctoral scientist</b><br>Department of Food Science, Rutgers University, New Brunswick, NJ   | t |
| 2007      | <b>Ph.D. Food and Microbial Biotechnology</b><br>University of Sassari/University of Milan   | t |
| 2003      | <b>M.Sc. - Agricultural Science and Technology (<i>cum laude</i>)</b><br>University of Sassari   | t |

## PERSONAL SKILLS

**Mother tongue** Italian

**Other language**

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | C2            | C1      | C1                 | C1                | C2      |
| French  | B2            | C1      | B2                 | B2                | B1      |

**Organisational / managerial skills**

good communication skills gained through my teaching experiences, managing teams and oral presentations (e.g., conferences)

# ADDITIONAL INFORMATION

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| <p>Publications</p>                              | <p>Link to the following databases:<br/> <a href="https://www.scopus.com/authid/detail.uri?authorId=24178760100">https://www.scopus.com/authid/detail.uri?authorId=24178760100</a> (SCOPUS)<br/> <a href="https://orcid.org/0000-0002-6423-8443">https://orcid.org/0000-0002-6423-8443</a> (ORCID)</p> <p>Records<br/> <small>(source: Scopus last accessed May 2022)</small></p> <p>Total number of peer-reviewed publications: 85<br/> Type of papers: 74 regular articles, 8 review papers, 1 editorial, 2 book chapters<br/> First author: 22/85<br/> Last author: 32/85<br/> Corresponding author: 51/82<br/> Publications without PhD supervisor: 59/82<br/> Total citations: 2578 (self-citation rate 10.1%)<br/> H-index: 26<br/> <math>IF_{tot} = 419.2</math><br/> <math>IF_{mean} = 5.05</math> (419.2/83 published papers)</p>  |
| <p>Presentations at conferences and seminars</p> | <p>Attendance with oral contribution to more than 50 events (conferences, seminars and workshops) of both scientific and educational/didactic purpose (<a href="http://www.stefanofarris.eu/about-me/conferences-meetings/">http://www.stefanofarris.eu/about-me/conferences-meetings/</a>)</p>   |
| <p>Projects</p>                                  | <ul style="list-style-type: none"> <li>Fundraiser and Project Leader within the project “CLEANCOAT”, granted by the company Whirlpool EMEA SpA (Italy) (January 2020 - December 2020) (15,000 €).</li> <li>Fundraiser and Project Leader within the project “ISOSORP”, granted by the company Whirlpool EMEA SpA (Italy) (January 2020 - July 2020) (8,000 €).</li> <li>Fundraiser and Project Leader within the project “Investigating the performance of an adhesion-promoter coating”, granted by the company Taghleef Industries, Dubai (UAE) (September 2018 - August 2019) (25,000 €)</li> <li>Consultancy contract signed by the company SAES Coated Films spa (May 2018 - April 2019) (40,000 €).</li> <li>Co-fundraiser and co-project Leader within the project “DEMBA technology assessment”, granted by the company Candy-Hoover group s.r.l. (Italy) (1-month agreement, April 2018) (12,050 €).</li> <li>Fundraiser and Project Leader within the project “Understanding the staining phenomenon in carotenoids-based beverages in PET bottles”, granted by the company DSM Nutritional Products AG (Switzerland) (6-month agreement March 2017 - August 2017) (7,000 €).</li> <li>Co-investigator within the AGER project “Sustainability of the Olive-oil System - S.O.S.”, (July 2016 - June 2019) (836,500 €).</li> <li>Co-investigator within the Horizon 2020 project (H2O_RIA - Horizon 2020_Research &amp; Innovation Action/Innovation Action) “Eco-friendly food packaging with enhanced barrier properties” (June 2016 - November 2018).</li> <li>Co-investigator within the project “Nanocellulose-sakacin A conjugates for food packaging purposes - NANOSAK ”, granted by Cariplo Foundation (Italy) (April 2016 - March 2019) (270,000 €).</li> <li>Fundraiser and Project Leader within the project “Packaging optimization for high oxygen-sensitive powdered foods - OPTIPACK”, granted by the company DSM Nutritional Products AG (Switzerland) (6-month agreement November 2015 - April 2016) (35,000 €).</li> <li>Fundraiser and Project Leader within the project “Development of nanostructured sensors and biosensors for food packaging applications”, granted by the company METALVUOTO spa (Italy) (two-year agreement March 2015 - March 2017) (45,000 €).</li> <li>Fundraiser and Project Leader within the project “Conservation of artistic bread and bread-made statues”, granted by the Bank of Sardinia Foundation (September 2014 - February 2015) (8,000 €).</li> <li>Principal Investigator within the project “Sole Flame-New alternative solutions to plasma and chemical treatments for the surface activation of polyolefin substrates” granted by the company NIKE Inc., Portland, OR (July 2012 - January 2013) (30,000 €).</li> <li>Principal Investigator within the project “HP-Biocoatings”, granted by the Lombardy region and the Ministry of Education, Universities and Research (MIUR) (January 2012 - July 2014) (430,000 €).</li> </ul> |

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| <p>Honours and awards</p> | <ul style="list-style-type: none"> <li>• Co-investigator within the project PACKPROLIFE (New active packaging solutions for the shelf-life extension of typical wide spread Italian food products) - Program of the Industrial Innovation Project 'INDUSTRIA 2015 - New Technologies for the Made in Italy' (three-year agreement June 2010 - June 2013).</li> <li>• Fundraiser and Project Leader within the project "High-performance oxygen barrier coatings for coffee packages" granted by the company ILLY/MITACA spa (September 2009 - September 2010) (15,000 €).</li> <li>• Principal Investigator within the project "Development of waterborne coatings intended for food and beverage packaging materials" granted by the company METALVUOTO spa (three-year agreement March 2009 - March 2012) (75,000 €).</li> <li>• Co-investigator within the European project NAFISPACK (Natural Antimicrobials For Innovative and Safe Packaging) - 7th European Framework Program (2009 - 2011).</li> <li>• March 2018. National Scientific Qualification (ASN) to function as first-level (full) professor for the research and teaching academic discipline 07/F1 (Food Science and Technology)</li> <li>• December 2017. Recipient of the fund for the support of the activities of basic research - FFABR - provided by the Italian Government (Legge 11 dicembre 2016, n. 232 - GU Serie Generale n. 297 del 21-12-2016 - Suppl. Ordinario n. 57).</li> <li>• September 2014. Within the "8th ECNP International Conference on Nanostructured Polymers and Nanocomposites" - Dresden, Germany, 16-19 September 2014, the poster entitled "Polysaccharides-assisted direct exfoliation of graphite into defect-free graphene sheets and fabrication of nanocomposite films thereof" (authors: Uysal Unalan I., Wan C., Piergiovanni L., Farris S.) received the first prize (€ 150,00) within the 'Polymer Materials from Renewable Sources and Functional nanocomposites and coatings' category.</li> <li>• June 2014. 6th Shelf Life International Meeting (SLIM), New Brunswick (NJ), USA. The poster "Properties of green bionanocomposite films prepared from microfibrillated cellulose (MFC) and pullulan" received the Elsevier first prize (\$ 1000,00).</li> <li>• April 2012. 2nd International Meeting on Material/Bioprocess interactions (MATBIM), Dijon, France. Investigation of the wetting phenomena involved at the water/biopolymer coatings interface, best poster in the 'Analyticals for measuring transfers/interactions and their predictions' session. Dye release behavior from polyvinyl alcohol films in a hydro-alcoholic medium: influence of physicochemical heterogeneity, best poster in the 'Transfers' session.</li> <li>• June 2010. 4th Shelf Life International Meeting (SLIM), Zaragoza, Spain. Effect of different sealing conditions on the seal strength of polypropylene films coated with a bio-based thin layer, best poster in the 'New Technologies for Shelf-life extension' area.</li> <li>• December 2008. With the project 'BIO-SEAL', awarded by the Lombardy Region for excellence in scientific research in the Life Science field (15,000 € prize).</li> <li>• June 2008. Scientific Italian Group of Food Packaging (GSICA), Naples, Italy. Food Packaging Research Award, scientific productivity award (2,000 € prize).</li> <li>• February 2007. Recipient of the Sardinia Research fellowship from the The Sardinian Regional Agency for Research and Development</li> <li>• September 2006. Selected as Italian representative within the best 15 Ph.D. European students at the 1st Workshop on Food Engineering and Technology by the European Federation of Chemical Engineering (EFCE) and European Federation of Food Science and Technology (EFFoST). Berlin, Germany.</li> </ul> |
| <p>Editorial activity</p> | <ul style="list-style-type: none"> <li>• February 2019 - Guest Editor for the Special Issue "New developments for testing polymeric materials used in food packaging" for the journal Polymer Testing (Elsevier).</li> <li>• January 2019 - Assistant Editor for the Special Issue "Natural hydrocolloids in the food sector - recent applications beyond conventional uses" for the journal International Journal of Food Science and Technology (Wiley).</li> <li>• From August 2018, member of the Editorial Board of the journal Heliyon (Elsevier).</li> <li>• From August 2018, member of the Advisory Board of the journal Sci (MDPI).</li> <li>• May 2018 - Guest Editor for the Special Issue "The Sustainable Design of Smart Food Packaging" for the journal Frontiers in Chemistry (Frontiers Media SA).</li> <li>• January 2018 - Guest Editor for the Special Issue "Recent Progress in Food and Beverage Packaging Coatings" for the journal Coatings (MDPI).</li> <li>• November 2017 - Member of the Evaluation Committee for the Young Investigator Award 2018 sponsored by the journal Coatings (MDPI).</li> <li>• From October 2017, member of the Editorial Board of the journal Polymer Testing (Elsevier)</li> <li>• From September 2016, member of the Editorial Board of the journal Scientific Reports (Nature Publishing Group).</li> <li>• September 2015 - Guest Editor for the Special Issue "Food and Beverage Packaging Coatings" for the journal Coatings (MDPI).</li> <li>• From February 2015, member of the Editorial Board of the journal Coatings (MDPI).</li> </ul>   |

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|                             | <ul style="list-style-type: none"> <li>Reviewer for the following journals:<br/>Applied Nano Materials, Applied Materials &amp; Interfaces, Biomacromolecules, Langmuir, Journal of Agricultural and Food Chemistry, ACS Sustainable Chemistry &amp; Engineering, Analytical Chemistry (<i>American Chemical Society</i>)<br/>RSC Advances, Soft Matter, Journal of Materials Chemistry B, Journal of Materials Chemistry C, Analytical Methods, New Journal of Chemistry, Materials Advances (<i>Royal Society of Chemistry</i>)<br/>Packaging Technology and Science, Polymers for Advanced Technologies, Macromolecular Bioscience, ChemNanoMat, Journal of Applied Polymer Science, Chemistry - A European Journal, Journal of Food Processing and Preservation, Journal of Food Process Engineering, Journal of Basic Microbiology (<i>Wiley</i>)<br/>Trends in Food Science and Technology, Food Packaging and Shelf Life, Progress in Organic Coatings, Journal of Colloid and Interface Science, Carbohydrate Polymers, Composites Part A, Reactive and Functional Polymers, Chemical Engineering Journal, Journal of Membrane Science, European Polymer Journal, Materials Science &amp; Engineering-R, Materials Science &amp; Engineering-B, Polymer Testing, Applied Clay Science, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Colloids and Surfaces B: Biointerfaces, International Journal of Biological Macromolecules, Food Hydrocolloids, Food Chemistry, Food Research International, LWT-Food Science and Technology, Journal of Food Engineering, Innovative Food Science and Emerging Technologies, Food Control, Journal of Cereal Science, Industrial Crops and Products, Journal of Cleaner Production, Journal of Chromatography A The Journal of Supercritical Fluids (<i>Elsevier</i>)<br/>European Food Research and Technology, Journal for Consumer Protection and Food Safety, Journal of Polymers and the Environment, Functional Composite Materials, Cellulose, Environment, Development and Sustainability, PLUS, Journal of Food Science and Technology, International Journal of Industrial Chemistry, Polymer Bulletin, Food Science &amp; Biotechnology, Korean Journal of Chemical Engineering, Food Biophysics (<i>Springer</i>)<br/>Food Reviews International, Journal of Food, Drying Technology (<i>Taylor &amp; Francis</i>)<br/>Nanomaterials, Coatings, Foods, Polymers, Sensors, Molecules, International Journal of Molecular Sciences, Marine Drugs (<i>MDPI</i>)<br/>BioMed Research International (<i>Hindawi</i>), Polish Journal of Food and Nutrition Sciences, Food Technology and Biotechnology (<i>COMET</i>), Italian Journal of Food Science (<i>Chirioti</i>), Journal of Applied Packaging Research (<i>RIT</i>), Czech Journal of Food Sciences (<i>Czech Academy of Agricultural Sciences</i>), Pure and Applied Chemistry (<i>De Gruyter</i>), BioResources (<i>NC State University</i>), PLOS One (<i>Public Library of Science</i>), <i>Journal of Agricultural Engineering</i> (<i>PAGEPress</i>)</li> </ul> |
| Courses                     | <ul style="list-style-type: none"> <li>A.Y. 2019-2020: "Sustainability of food products production and distribution systems". Master degree (4 ECTS).</li> <li>A.Y. 2019-2020: "Bio-based innovations in the food industry - Food packaging". Master degree (in English). (1.5 ECTS)</li> <li>A.Y. 2018-2019-today: "Nanotechnology in the food industry". Master degree. (4 ECTS)</li> <li>A.Y. 2016-2017-today: "Packaging in the wine industry: performance, safety and sustainability" Master degree (in English). (5 ECTS)</li> </ul>  |
| Duties and responsibilities | <ul style="list-style-type: none"> <li>Since February 2020 is representative of the "III Mission" board at DeFENS.</li> <li>Since September 2019 is member of the editorial board for Milan University Press-Editorial section "Agricultural, Food, Environmental and Animal Sciences".</li> <li>Since January 2019 is member of the council of the PhD course in Food Systems at DeFENS.</li> <li>Since January 2019 is web manager of the website of the PhD course in Food Systems at DeFENS.</li> <li>Since September 2018 is member of the "III Mission" board at DeFENS.</li> <li>June 2018 - Member of the Evaluation Committee, PhD defense within the Ph.D. Program in Mountain Environment and Agriculture. Free University of Bolzano (Italy), 21 June 2018.</li> <li>Since December 2015 is member of the Department Tutoring Board for the BSc and MSc students of the "Food Science and Technology" program at DeFENS.</li> <li>Since January 2015 is member of the Department Teaching Program Board at DeFENS.</li> <li>Since January 2014 is member of the board of the PhD course in Food Systems at DeFENS.</li> </ul>   |

## Personal information

I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section "Amministrazione trasparente", "Consulenti e collaboratori".

Date

Signature

Milan, 05/05/2022