

Contact details

Name: Sergio Tosoni

Birth place and date: Torino, July the 3rd 1979

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Studies

2001: Bachelor in chemistry, Università di Torino

2003: Master in Chemistry, Università di Torino

2007: PhD in Chemical Sciences, Università di Torino

Carrier

November 2006 - October 2007: Post doc (Assegnista di ricerca) at the University of Torino. Supervisor: Prof. Piero Ugliengo. Research project: computational characterization of biomaterials surfaces.

January 2008 - June 2011: Post doc researcher at Humboldt University, Berlin. Supervisor: prof. Joachim Sauer. Research project: accurate calculation of the adsorption energy of molecules on oxide surfaces.

July 2011 - June 2013: Post doc researcher at the University of Barcelona. Supervisor: prof. Francesc Illas. Research project: doped oxides and photocatalysis.

July 2013 - November 2016: Post doc (Assegnista di ricerca) at the University of Milano-Bicocca. Supervisor: Prof. Gianfranco Pacchioni. Research project: catalytic properties of oxides for biomass upgrade.

December 2016 - present: Research associate at the Department of Materials Science, University of Milano-Bicocca.

Teaching

Academic year 2016-2017: Course: chemical science and technology. Teaching: Inorganic chemistry Laboratory.

Academic years from 2017-2018 to 2019-2020: Course: Optics and optometry. Teaching: Inorganic chemistry.

Keywords on my research interests

First principles calculations, DFT, oxides, surfaces, doping, nanostructuring, weak interactions, thin films, materials for renewable energy.

Overall scientific production

Publications: 71

Citations: 1721

Average citations per year: 107.6

Average citations per item: 24.2

H factor: 23

(Source: Web of Science, July 2020)

Contribution to conferences and seminars

17 oral communications (3 invited) and 9 poster presentations.

Prices and awards

First price “Young talents of the University Milano Bicocca”, with the support of the Accademia dei Lincei, 2016.

Organization of dissemination activities

2018: Codirection of the “Summer School in Computational Chemistry” within the program of the Lake of Como School for Advanced Studies.

2019: Member of the organizing committee of the event: “HorizonChem 2019, La Tavola Periodica degli Elementi. Storia, Innovazione e Sfide future”