

Emanuele Pigani



Born in San Daniele del Friuli (Italy) on 01/05/1995

Tel.: +39 081 5833XXX

Fax: +39 081 7641355

E-mail: emanuele.pigani(at)szn.it

Skype: emanuele.pigani

Current Position: Ph. D. student

Internal Supervisor: Daniele Iudicone

External Supervisors: Samir Suweis, Olivier Jaillon

Program: Open University

Affiliation:

Section IME, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Dipartimento di Fisica e Astronomia “Galileo Galilei”, Università degli Studi di Padova, Italy	Bachelor and Master Degree (Laurea)	2014-2019	Physics
Department of Physics and Astronomy, Ruprecht-Karls-University, University of Heidelberg, Germany	Erasmus Semester	2018	Physics
Max Planck Institute for Intelligent Systems, Tubingen, Germany	Erasmus Thesis Traineeship	2019	Physics for Inference and Optimisation
Fondazione Bruno Kessler, Trento, Italy	Research Assistant	2020	Complex Systems

Dipartimento di Fisica e Astronomia “Galileo Galilei”, Università degli Studi di Padova, Italy	Research Grant	2020-2021	Statistical Mechanics of spatial ecosystems.
The Open University, London, England	Ph.D.	2021-Present	Oceanic Circulation in Plankton Communities

Appointments and awards

2019: Student in charge of the exhibition “The White Rose - Faces of a friendship”, sponsored by the University of Padova.

2018-2019: Student representative, Physics Course, Physics and Astronomy Department, University of Padova, Padova.

2014-2016: Student representative, “Commissione Paritetica”, School of Science, University of Padova, Padova.

2011-2013: Student representative, Consulta Provinciale degli Studenti, Udine.

2012-2014: Captain of his high school Math team.

1st place at the Provincial Math Team Cup, Udine, 2014.

14th place at the nationwide Italian Math Team Cup, Cesenatico, 2013.

2012: Honorable mention at the nationwide literary competition “Colloqui Fiorentini”, organised in collaboration with Miur, Firenze.

Publications

Author of 2 publications on ISI-journals.

List of publications of the last 10 years :

Journal Papers

Cencetti, G., Santin, G., Longa, A., Pigani, E., Barrat, A., Cattuto, C., Lehmann, S., Salathe, M. and Lepri, B., 2021. *Digital proximity tracing on empirical contact networks for pandemic control*. Nature communications, 12(1), pp.1-12.

Plata, C.A., Pigani, E., Azaele, S., Calleja-Solanas, V., Palazzi, M.J., Solé-Ribalta, A., Borge-Holthoefer, J., Meloni, S. and Suweis, S., 2021. *Neutral theory for competing attention in social networks*. Physical Review Research, 3(1), p.013070.