

Kaushal GIANCHANDANI

Curriculum Vitae

Affiliation: Institute of Earth Sciences at the Hebrew University of Jerusalem, Israel
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EDUCATION

2017 - present Ph.D. in Oceanography
Institute of Earth Sciences at the Hebrew University of Jerusalem, Israel

2012 - 17 Integrated M.Sc. in Physical Sciences CGPA: 7.41/10.00
National Institute of Science Education and Research (NISER) Bhubaneswar

WORK EXPERIENCE

May - July 16 Summer Intern at École Normale Supérieure de Lyon
Advisor: Dr. Antoine Venaille

June - July 15 Visiting Summer Fellow at Institute of Mathematical Sciences, Chennai
Advisors: Dr. Shakti N. MENON & Prof. Sitabhra Sinha

May - July 14 Summer Intern at Indian Institute of Science Education and Research - Kolkata
Advisor: Prof. Prasanta K. Panigrahi

May - July 13 Summer Intern at NISER, Bhubaneswar
Advisor: Dr. Joydeep Bhattacharjee

PUBLICATION(S)

- [1] Salvatore Campisi-Pinto, **Kaushal Gianchandani**, and Yosef Ashkenazy. Statistical tests for the distribution of surface wind and current speeds across the globe. *Renewable Energy*, 149:861 – 876, 2020.
- [2] **Kaushal Gianchandani**, Shakti N Menon, and Sitabhra Sinha. Binary logic using spatially patterned deaths in chemical oscillators. In *Conference on Nonlinear Systems & Dynamics IISER Kolkata*, volume 16, page 18, 2016.

SCHOOLS AND CONFERENCES ATTENDED

Conferences

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|---------|--------------------------------------------------------------------------------|----------|
| Sep 19 | Wave Dynamics and Climate workshop in Eilat, IL | (Talk) |
| Mar 19 | The Israeli Association For Aquatic Sciences' 15th Annual Meeting in Haifa, IL | (Talk) |
| Mar 19 | EPScon 2019 in Rehovot, IL | (Poster) |
| Jan 19 | GFD Days 2019 in Sede Boqer, IL | (Poster) |
| May 18 | Ice, Oceans and Atmospheres on Earth and Elsewhere in Rome, IT | |
| Dec 16 | 10th Conference on Nonlinear Systems and Dynamics in Kolkata, IN | (Poster) |
| July 16 | Statphys26 in Lyon, FR | |

Schools

- Sep 18 Summer School on Fluid Dynamics of Sustainability & the Environment in (Poster)
Cambridge, UK
- Dec 15 10th Winter School on Astroparticle Physics in Darjeeling, IN

AWARDS AND HONOURS

- 2016 Summer Intern Fellowship sponsored by Centre National de la Recherche Scientifique (CNRS) from May - July 16.
- 2015 Physics Summer Research Fellowship sponsored by Institute of Mathematical Sciences, Chennai from June - July 15.
- 2012 Innovation in Science Pursuit for Inspired Research (INSPIRE) Fellowship sponsored by Department of Science and Technology from August 12 - June 17
- 2012 Best Student award at St. Gregorios Senior Secondary School, Udaipur.

COMPUTER SKILLS

- Languages: Python, C++, HTML, Bash, Fortran
- Packages: MITgcm, (py)ferret, \LaTeX pyqg, gnuplot
- Software: MATLAB, Mathematica