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 Thesis: **The stability and termination of hard vs soft snowball Earth events.** Supervisor: Prof. Hezi Gildor
2012 - 17	Integrated M.Sc. in Physical Sciences National Institute of Science Education and Research (NISER) Bhubaneswar Master's Thesis: **Transition to turbulence in subcritical baroclinic flows.** Supervisor: Dr. Antoine Venaille CGPA: 7.41/10.00

Work Experience

May - July 16	Summer Intern at École Normale Supérieure de Lyon Title: *Transition to turbulence in subcritical baroclinic flows.* Supervisor: Dr. Antoine Venaille
June - July 15	Visiting Summer Fellow at Institute of Mathematical Sciences, Chennai Title: *Binary logic using spatially patterned deaths in chemical oscillators.* Supervisor: Dr. Shakti N. Menon & Prof. Sitabhra Sinha
May - July 14	Summer Intern at IISER - Kolkata Title: *Self-organised-criticality and punctuated equilibrium in bouncing balls.* Supervisor: Prof. Prasanta K. Panigrahi
May - July 13	Summer Intern at NISER, Bhubaneswar Title: *Motion of the Foucault's pendulum: a glimpse of the Coriolis effect.* Supervisor: Dr. Joydeep Bhattacharjee

Schools and Conferences attended (Selected)

Sep 18	Summer School on Fluid Dynamics of Sustainability and the Environment	Cambridge, UK
May 18	Ice, Oceans and Atmospheres on Earth and Elsewhere	Rome, IT
Dec 16	10th Conference on Nonlinear Systems and Dynamics (CNSD-2016)	Kolkata, IN
July 16	Statphys26	Lyon, FR

Publication(s)

- **Kaushal Gianchandani**, Shakti N. Menon and Sitabhra Sinha. "Binary Logic Using Spatially Patterned Deaths In Chemical Oscillators." *10th Conference on Nonlinear Systems and Dynamics*. IISER-Kolkata. [View abstract] [View poster]

Computer Skills

Languages:	Python, C++, HTML, Bash, Fortran
Packages:	MITgcm, pyqg, ferret, LaTeX , gnuplot
Software:	MATLAB, Mathematica

Awards and Honours

2016 Summer Intern Fellowship sponsored by Centre National de la Recherche Scientifique (CNRS) for May - July 16.

2015 Physics Summer Research Fellowship sponsored by Institute of Mathematical Sciences, Chennai for June - July 15.

2012 Innovation in Science Pursuit for Inspired Research (INSPIRE) Fellowship for August 12 - June 17 sponsored by Department of Science and Technology, India

2012 Best Student award at St. Gregorios Senior Secondary School, Udaipur.

References

Prof. Hezi GILDOR
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Dr. Antoine VENAILLE
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Prof. Yosef ASHKENAZY
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Jacob Blaustein Institutes for Desert Research
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