Srinivasa Gopalakrishnan Ganga Prasath

Date of Birth: 6, January 1991
International Centre for Theoretical Sciences,
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Education

2013-• **Research Scholar, Physics**,
International Centre for Theoretical Sciences, Bangalore.

2015, 17 **Visiting Research Scholar**,
Dept. of Physics, University of Massachusetts, Amherst.

2012-13 **M.S. in Fluid Mechanics**,
École Polytechnique, Palaiseau.

2008-12 **B. Tech in Mechanical Engineering**,
Indian Institute of Information Technology, Chennai.

2007-08 **AISSCE (All India Senior School Certificate Examination)**
DAV-BHEL School, Ranipet.

Research interests

Mechanics of thin films, filaments • Geometry driven instabilities
Instabilities of particle laden flows • Sedimentation of complex structures

Publications

2018 Ganga Prasath, S., Joel Marthelot, Rama Govindarajan and Narayanan Menon.
Wetting properties of a droplet in contact with a highly-bendable elastic filament.
Soft Matter (in preparation).

2018 Fabian Brau, Ganga Prasath, S., and Benny Davidovich.
Partial wetting of a highly bendable sheet: Insights from a two-dimensional set-up.
Soft Matter (to be submitted).

2016 Ganga Prasath, S., Joel Marthelot, Rama Govindarajan, and Narayanan Menon.
Relaxation of a highly deformed elastic filament at a fluid interface.
Physical Review Fluids, 1, 033903.

2014 Ganga Prasath, S., Stephane Fauve, and Marc Brachet.
Dynamo action by turbulence in absolute equilibrium.
Europhysics Letters, 106(2), 29002.

2014 Ganga Prasath, S., Sudharsan, M., Vinodh Kumar, V., Diwakar, S. V., Sundararajan, T., and Tiwari, S.
Effects of aspect ratio and orientation on the wake characteristics of low

Reynolds number flow over a triangular prism.
Journal of Fluids and Structures, 46, 59-76.

Summer schools

2016 Institut d'études scientifiques de Cargèse school on "*Physics and Mechanics of Soft Complex Materials*".

2015 Boulder school for condensed matter and materials physics on "*Soft Matter In and Out of Equilibrium*".

2015 University of Massachusetts Amherst school on "*Soft solids and complex fluids*".

Conference, invited talks

2018 Global Young Scientists Summit (GYSS 2018) organised by Nanyang Technological University, Singapore.

2016 CompFlu (Complex Fluids) on "*Relaxation of a highly deformed elastic filament at a fluid interface*" at IIT Hyderabad.

Awards and achievements

2015 Secured *APS-IUSSTF* travel grant for exchange program at University of Massachusetts, Amherst.

2015 Selected to attend month long *Boulder school for condensed matter and materials physics* at University of Colorado.

2012 Recipient of *Charpak Scholarship of Excellence* by Institut Français/Embassy of France in India.

2012 Received *Best thesis award* for B.Tech report titled "*Control of effects of vortex shedding using active and passive mechanisms*".

References

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University of Massachusetts,
Amherst, MA 01003
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