Curriculum vitae

Jonathan Edward Dawson

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Education and working experience

11/12 –	**Max Planck Institute for Dynamics and Self Organization Göttingen, Germany** Post doctoral position in the group of Dr. Eleni Katifori.
02/08 – 06/12	**Max Planck Institute for the Physics of Complex Systems Dresden, Germany** *Doctoral thesis:* Dynamics of endosomal trafficking. *Advisor:* Prof. Dr. Frank Jülicher.
07/07 – 09/07	**Max Planck Institute for the Physics of Complex Systems Dresden, Germany** Guest scientist. With Dr. Martin Zapatocky, studied theoretical model to describe olfactory system.
11/06 – 07/07	**Harish Chandra Research Institute, Allahabad, India** Visiting student. Research work on theory of olfactory system in collaboration with Dr. Manoj Gopalakrishnan.
01/07 – 03/07	**Saha Institute of Nuclear Physics, Kolkata, India** Visiting student. Research project on maximal bounding dimension of fractals in collaboration with Dr. Pradeep K. Mohanty.
08/03– 07/07	**Allahabad Agricultural Institute-Deemed University Allahabad, India** Undergraduate studies Electronics & Telecommunication Engineering *successfully cleared with G.P.A of 8.5 on a 10 scale*

Scholarships and awards

2007	Guest scientist fellowship from the Max Planck Foundation
2007	Visiting student fellowship from Saha Institute of Nuclear Physics Kolkata, India
2007	Visiting student fellowship from Harish Chandra Research Institute Allahabad, India

Publication list

1. L Foret*, J E Dawson*, R Villasenõr*, C Collinet, L Brusch, A Deutsch, M Zerial, Y Kaladizidis, F Jülicher:
   A General Theoretical Framework to Infer Endosomal Network Dynamics from Quantitative Image Analysis
   (Current Biology, 28 June 2012)
2. J E Dawson, L Foret and F Jülicher *(manuscript in preparation)*

∗ *equal contribution*

IT skills

Computing: C/C++, Mathematica, MatLab (basic)
Environment: Linux, Windows office, Mac OS

Languages

English (very good), German (average), Hindi (very good), Telugu (mother tongue)

Conference contributions

1. Physical Biology Circle meeting, Amsterdam, Netherlands, 2010
2. German Physical Society, march meeting, Regensburg, Germany, 2010
3. Biophysics seminar , Dresden, Germany, 2009
4. Dynamic Endosomes (EMBO conference), Crete, Greece, 2011 (poster)