

Publication List

- [1] Scale-invariant density profiles of a dynamically extending TASEP, **Sudipto Muhuri**, EPL 101, 38001 (2013).
- [2] Intrinsic oscillations of polymerizing antiparallel microtubules in a motor bath, **Sudipto Muhuri**, Ignacio Pagonabarraga and Jaume Casademunt, EPL 98, 68005 (2012).
- [3] Phase segregation and transport in a two species multi-lane system, **Sudipto Muhuri** and Ignacio Pagonabarraga, J.Stat.Mech, P11011 (2011).
- [4] Bidirectional transport in a multispecies TASEP model, **Sudipto Muhuri**, Lenin Shagolsem and Madan Rao, Phys. Rev. E 84, 031921 (2011).
- [5] Lattice gas model for active vesicle transport by molecular motors with opposite polarities, **Sudipto Muhuri**, Ignacio Pagonabarraga, Phys. Rev. E 82, 021925 (2010).
- [6] ‘Sequence’ dependent elasticity and local stiffness of a random heteropolymer, **Sudipto Muhuri** and Madan Rao, J.Stat.Mech , P02005 (2010).
- [7] Collective vesicle transport on biofilaments carried by competing motors, **Sudipto Muhuri**, Ignacio Pagonabarraga, EPL 84, 58009 (2008).
- [8] Shear flow induced isotropic to nematic transition in a suspension of active filaments, **Sudipto Muhuri**, Madan Rao and Sriram Ramaswamy, EPL 78, 48002 (2007).