



**Post-Doctoral Openings:
University of Rome “Tor Vergata”**

NewTURB

**New eddy-simulation concepts and methodologies for frontier problems in
TURbulence**

The group working on Complex Fluids at the University of Rome “Tor Vergata” announces an **opening for 2 Postdoctoral Researchers** within the research project **NewTURB** funded to Prof. Luca Biferale by the **ERC**. Local group members include also Dr. Mauro Sbragaglia and Prof. Roberto Benzi plus PhD students and post-docs.

NewTURB is mainly devoted to **Turbulence** with both fundamental and applied perspectives, using Direct Numerical Simulations and modelling. Issues connected to the universality of forward and direct energy transfer in **three and two dimensional turbulence**, turbulence under **rotation**, under strong **shear** and in conducting fluids (**MHD**) will be addressed, using innovative theoretical and numerical tools. **Lagrangian** properties will also be of interest.

We intend to open 2 Post-Doctoral positions in the coming months in Rome. The preferred starting date is between March and October 2014, but applicants interested to different arrangements are also welcome to apply. The position will have a competitive salary (in the range around 2500 euro net per month, depending on the experience), pension and health insurance are also included. The position are meant for full time research (no teaching load). Preference will be given to applicants trained in Physics, Applied Physics, Applied Mathematics and Engineering with knowledge in the framework of complex fluid and numerical simulations based on Pseudo-spectral and finite-difference codes. We seek highly motivated, driven and creative Post Doctoral researchers. Each position is intended for one year, renewable one or two more years. Interested candidates should send their CV to biferale@roma2.infn.it.

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