



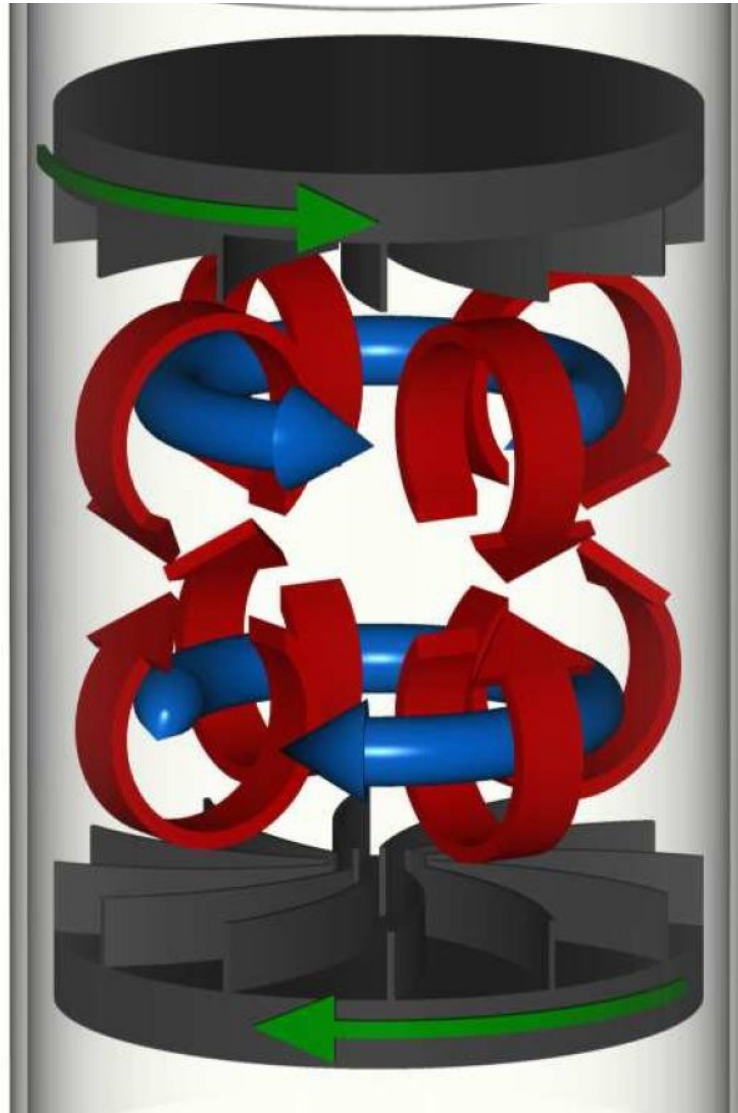
DE LA RECHERCHE À L'INDUSTRIE



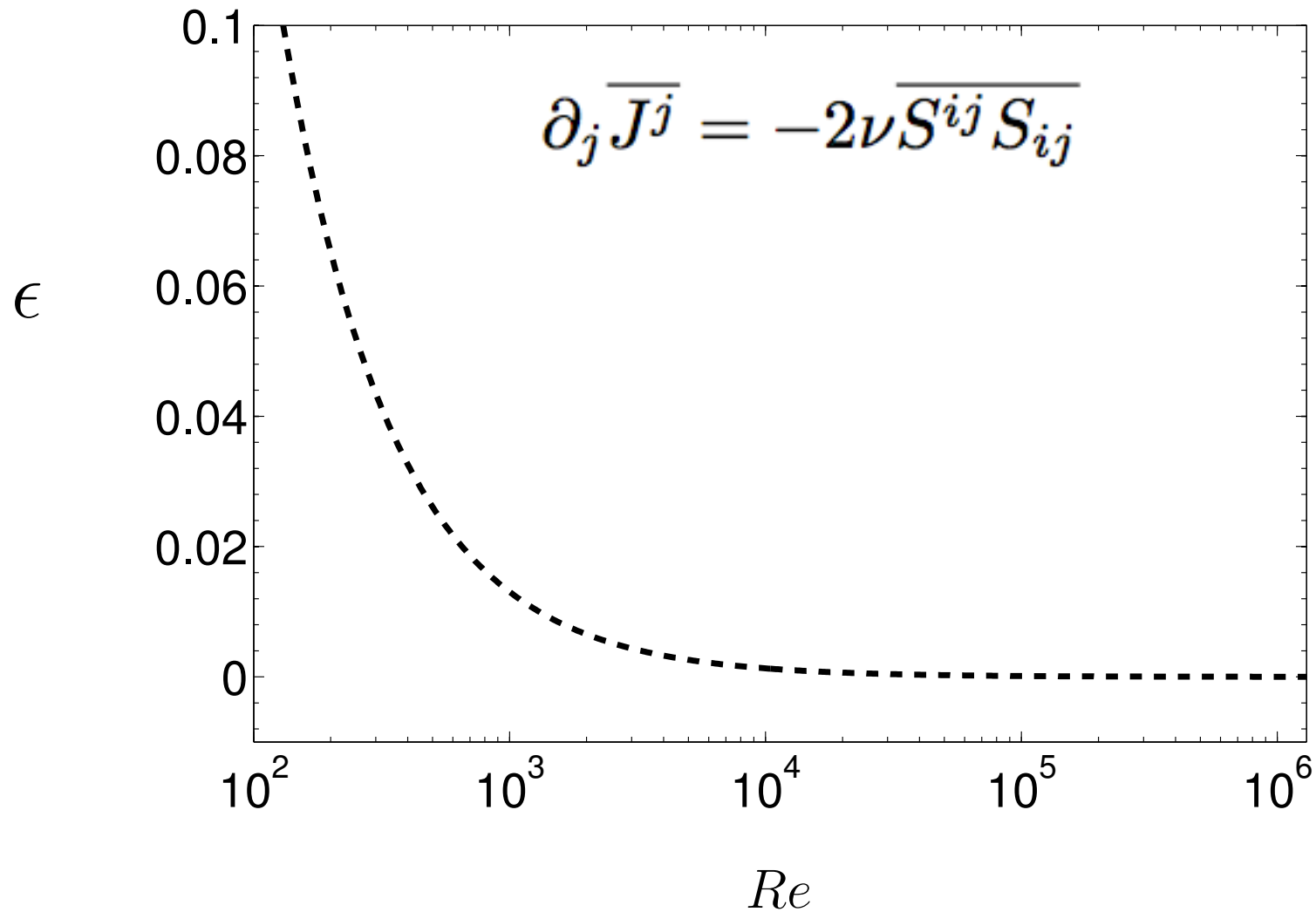
Global and local energy dissipation in a turbulent Von Kármán flow

Denis Kuzzay, Davide Faranda, Bérengère Dubrulle

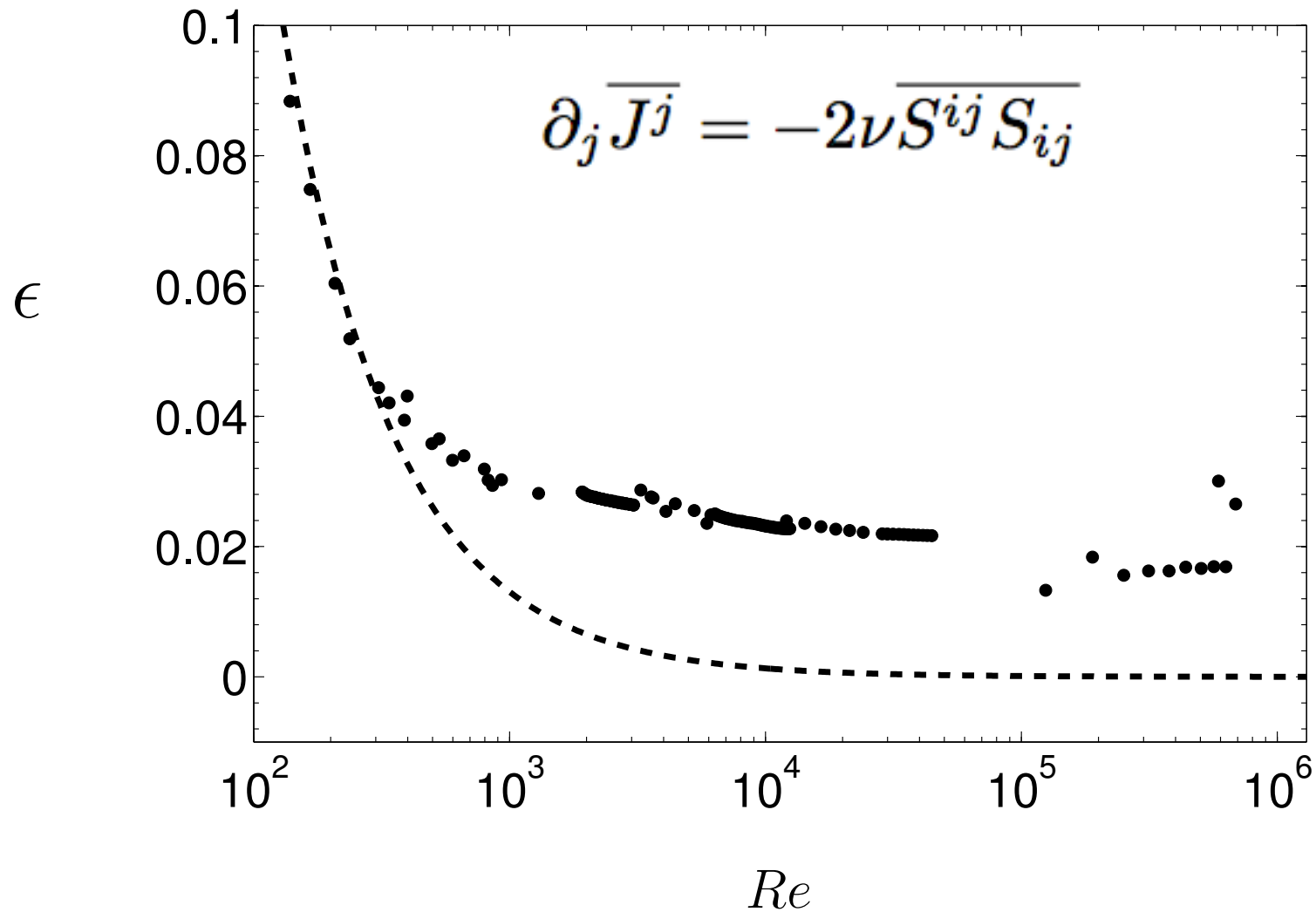
The Von Kármán flow



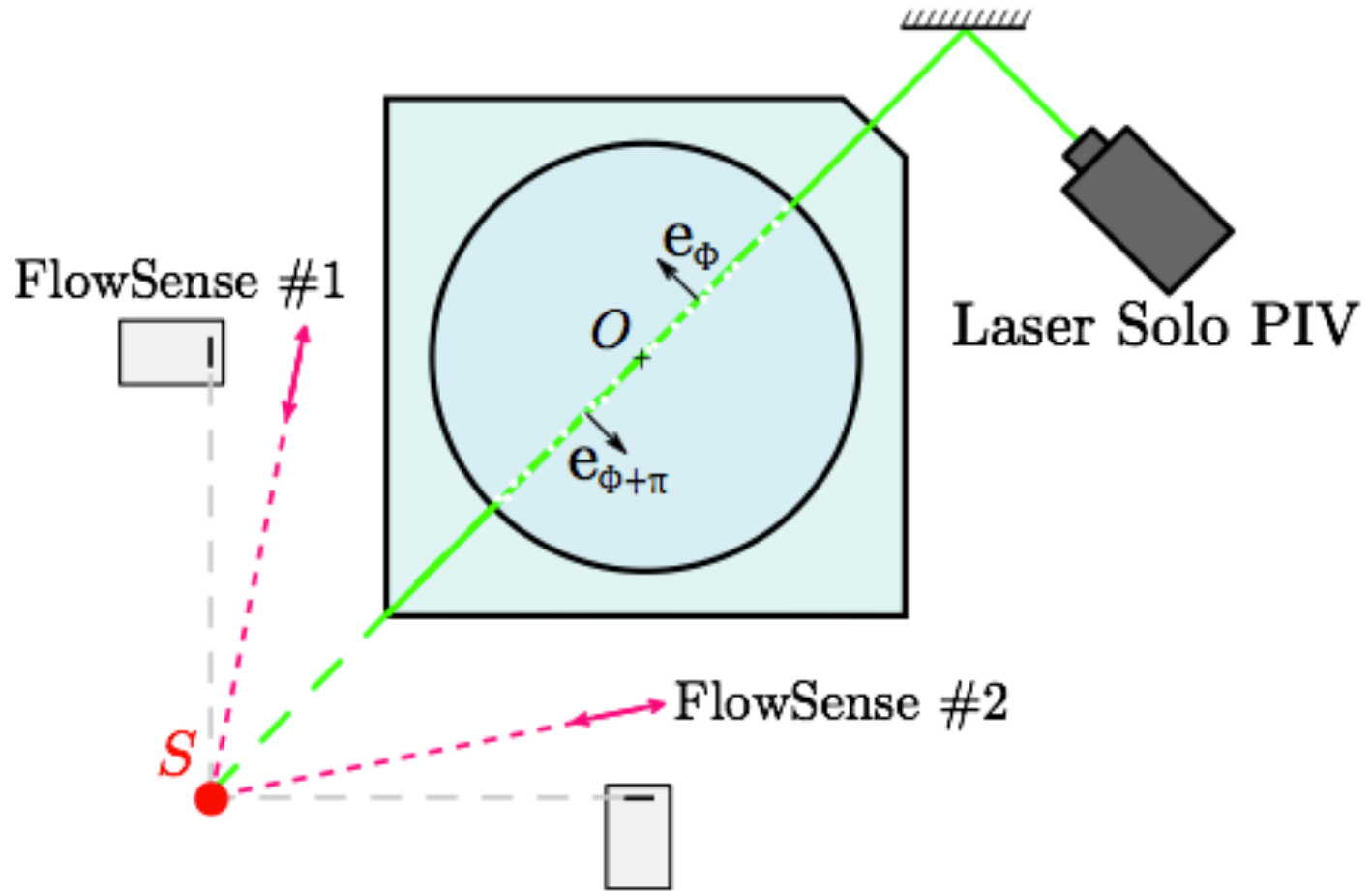
Laminar Energy Dissipation



Measured Energy Dissipation

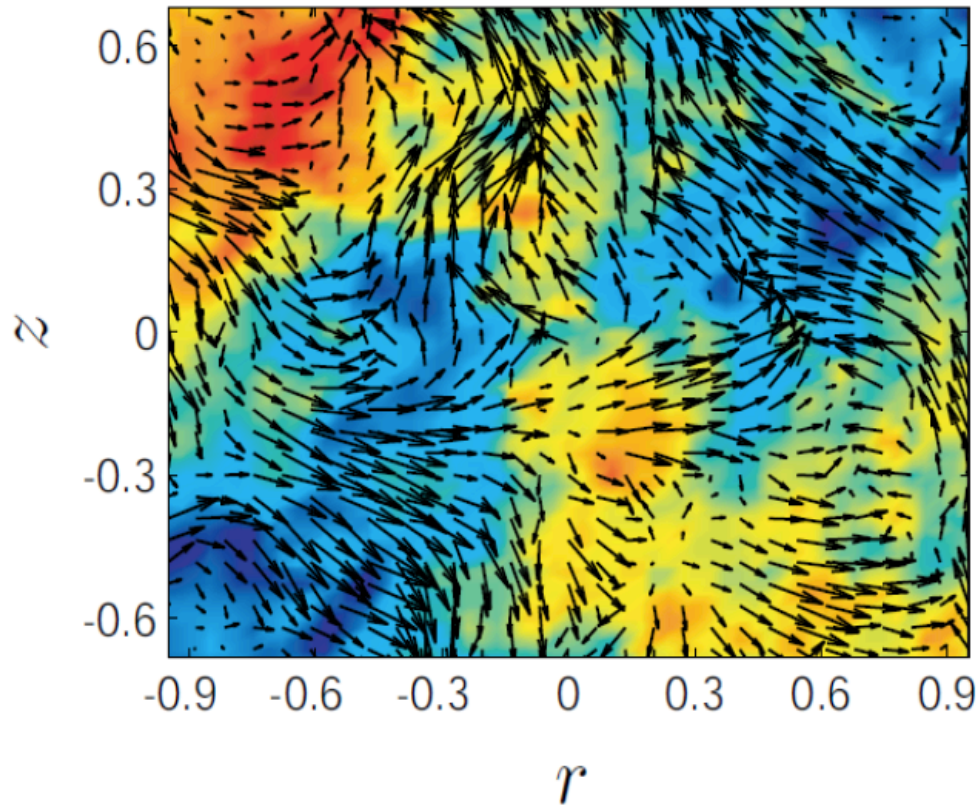


PIV set-up

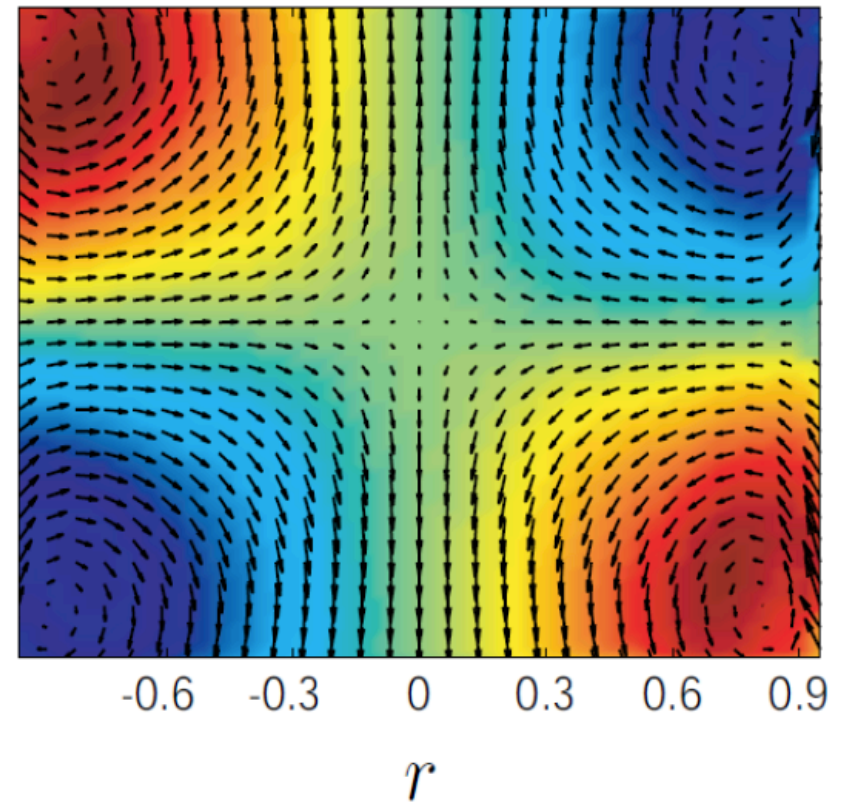


Typical mean and instantaneous flows

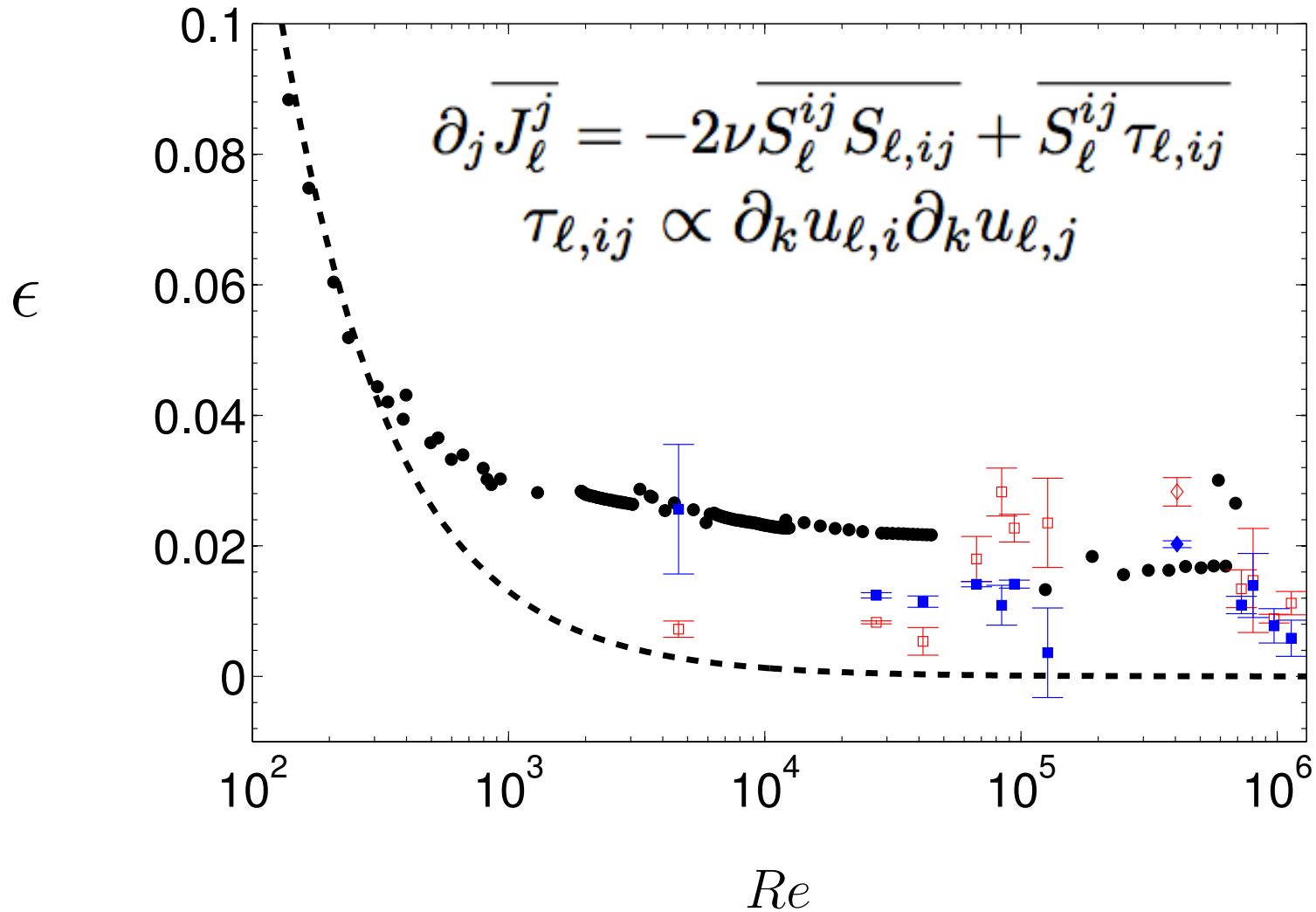
instantaneous flow



mean flow



Estimated Energy Dissipation



Duchon-Robert Energy Dissipation

