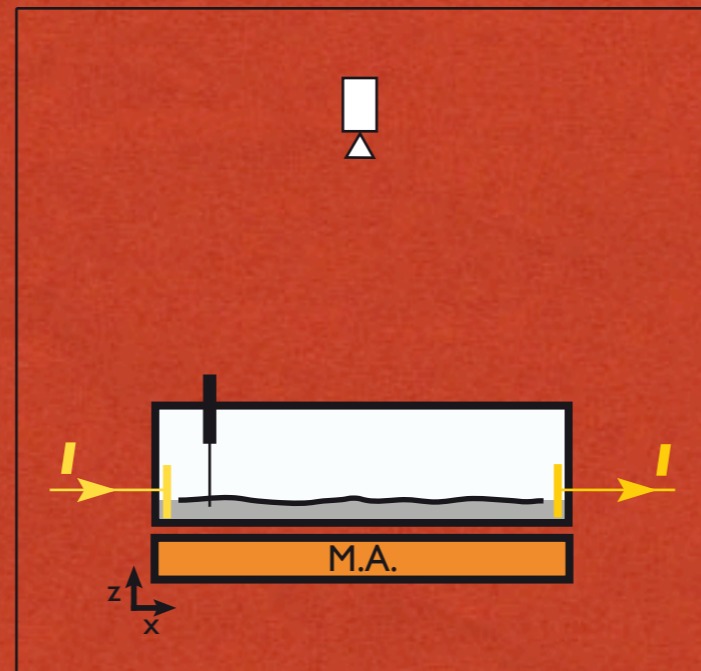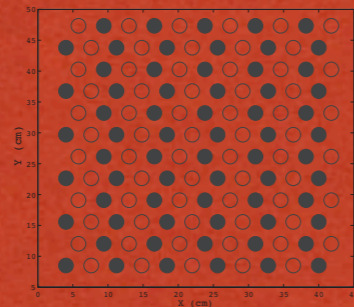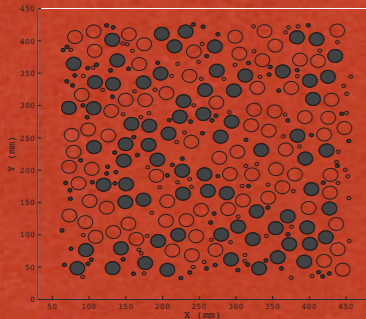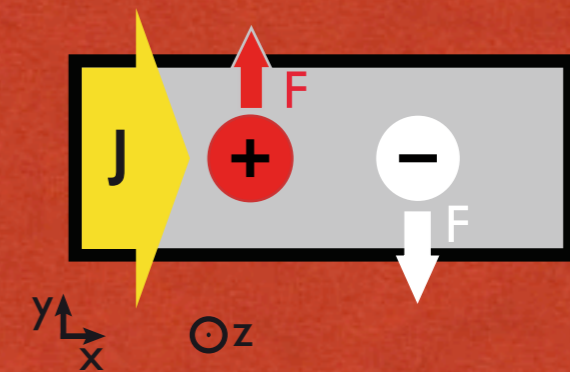# TURBULENT STATES IN A LIQUID METAL OF SMALL HEIGHT

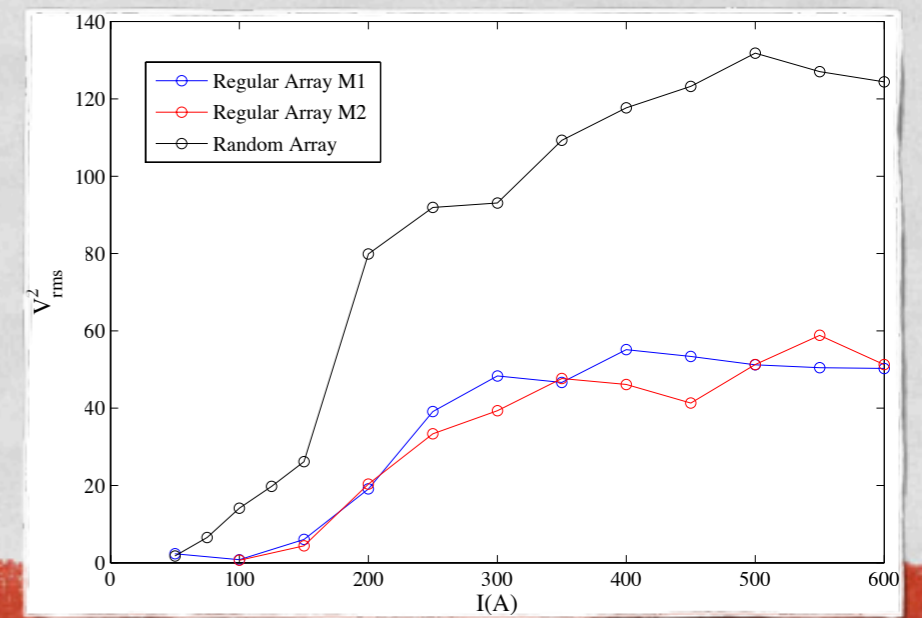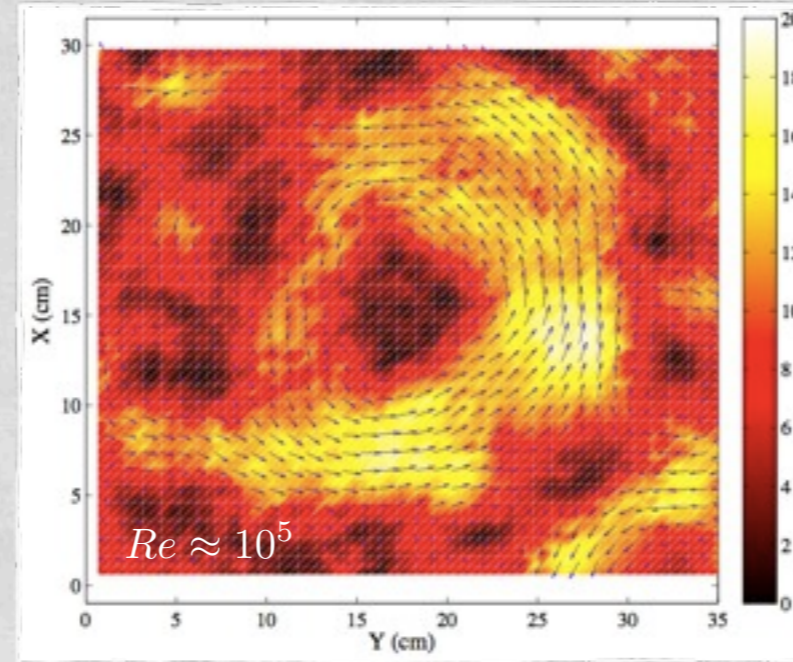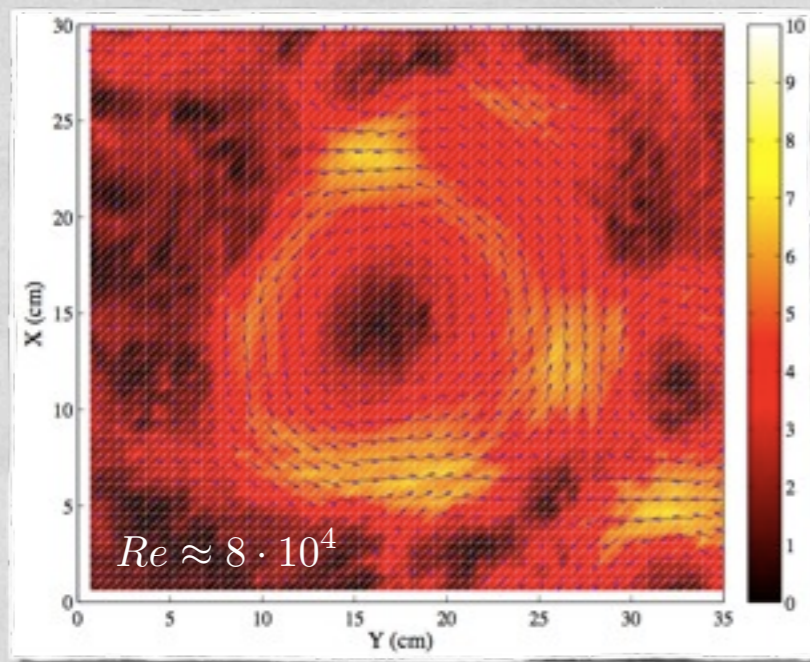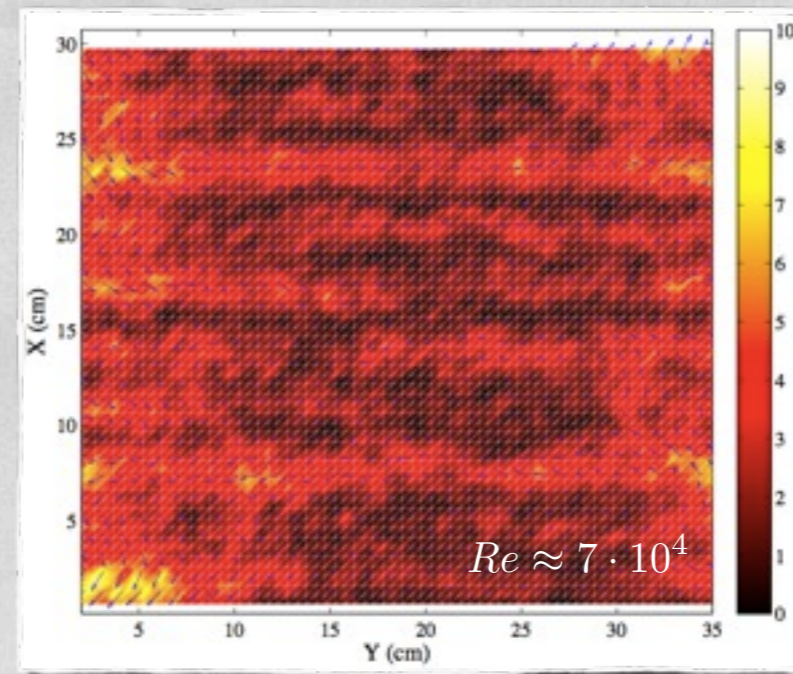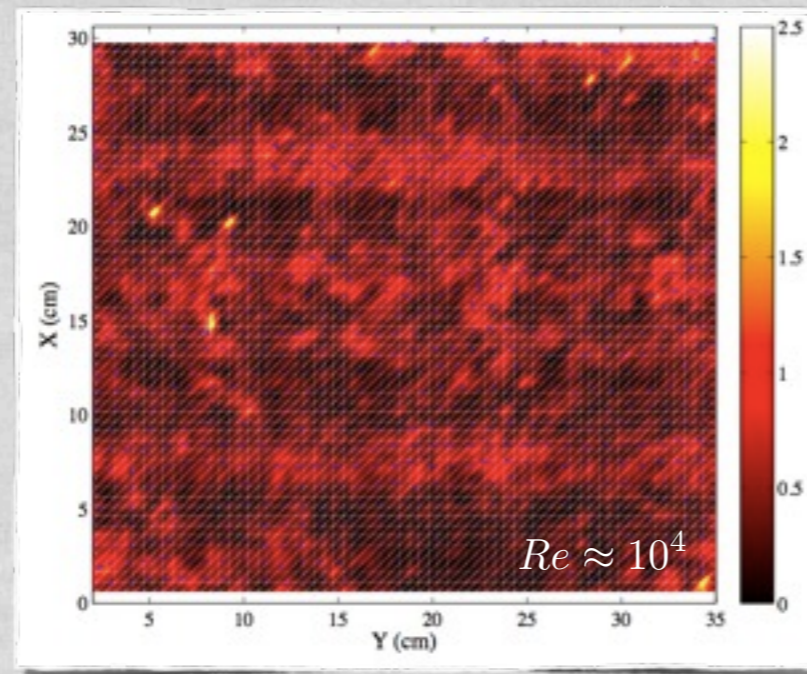PABLO GUTIÉRREZ & SÉBASTIEN AUMAÎTRE / GIT - CEA SACLAY

$$\vec{F}_L = \vec{J} \wedge \vec{B}$$

- Influence of forcing?
- Influence of confinement?
- 2d - 3d transition?
- Interaction with waves?

$Re \approx 10^4$

$Re \approx 7 \cdot 10^4$

$Re \approx 8 \cdot 10^4$

$Re \approx 10^5$

- Strong dependence on the forcing geometry.

- Saturation of the bidimensional velocity?