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## transport studies in the basic plasma physics device TORPEX

ÉCOLE POLYTECHNIQUE Fédérale de Lausanne

fluctuations regimes/amplitudes, and source

Suprathermal ion transport will also be

studied in different magnetic topologies.

location (wave or blob region).

## F. Avino, A. Bovet, A. Fasoli, I. Furno, K. Gustafson, <u>J. Loizu, P. Ricci, C. Theiler</u>

École Polytechnique Fédérale de Lausanne (EPFL), Centre de Recherches en Physique des Plasmas (CRPP) Association Euratom - Confédération Suisse, CH-1015 Lausanne, Switzerland



2D fluid simulations show that polarization drift, ion-neutral collision, or diamagnetic drift cannot explain observed cross-field currents. *Kinetic simulations of the biasing experiments will be attempted.* 

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