

# LETICIA PARDO SIMÓN

---

## **The University of Manchester (UK)**

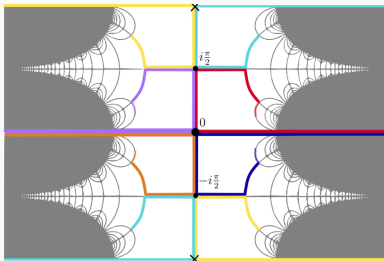
Spain → Bristol (UK) → Liverpool (UK) → Warsaw (Poland) → Manchester.

Postdoctoral fellow – Complex dynamics program

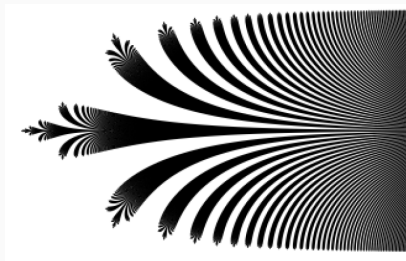
Research interests:

- ▶ I work mainly on **transcendental dynamics**.
- ▶ Maximum modulus set of entire maps.
- ▶ Dimensions of self-affine carpets.

I study **Julia sets** of transcendental entire  $f$  with bounded  $S(f)$ .



Existence and landing of **dynamic rays** in the presence of escaping critical values.



**Cantor bouquets**: necessary and sufficient conditions.

I also study Julia sets from a *dimensional viewpoint*:

- ▶ Dynamic rays with fractional **Hausdorff dimension**.
- ▶ Which subsets of  $J(f)$  carry its dimension?