

---

# Hopf25

---

**Sigiswald Barbier**

Ghent University, Belgium

Parallel sessions, Forum G

Thursday, April 24, 2025

14h-14h25

## **Diagram categories of Brauer type**

In this talk I will introduce classes of monoidal (super)categories resembling the Brauer category. These classes encompass the Brauer category and its deformations as well as the periplectic Brauer category and its deformations in one framework but also include some new exotic categories. For all categories we can construct bases of the hom-spaces using Brauer diagrams.