



# Workshop Cuntz semigroups

12 – 16 July 2021 | Münster, Germany

The Cuntz semigroup is a geometric refinement of K-theory that was introduced by Cuntz in the 1970s in his pioneering work on the structure of simple  $C^*$ -algebras. This powerful invariant has seen many applications in the structure and classification theory of  $C^*$ -algebras. Recently, it has also become clear that Cuntz semigroups are interesting objects of study in their own right.

This workshop will bring together researchers that are interested in the different aspects of Cuntz semigroups in areas such as  $C^*$ -algebras, dynamical systems, and model theory.

## Speakers

**Ramon Antoine** (Barcelona)  
**M. Ali Asadi-Vasfi** (Prague)  
**Laurent Cantier** (Barcelona)  
**George Elliott** (Toronto)  
**Bhishan Jacelon** (Prague)  
**Francesc Perera** (Barcelona)  
**N. Christopher Phillips**  
(Oregon)

**Leonel Robert** (Louisiana)  
**Aaron Tikuisis** (Ottawa)  
**Eduard Vilalta** (Barcelona)  
**Wilhelm Winter** (Münster)  
**Joachim Zacharias** (Glasgow)



<http://hannesthiel.org/workshop-2021-cuntz-semigroups>

PART OF THE FOCUS PROGRAMME

**Operator algebras and topological dynamics: amenability and beyond**

## Organisers

Eusebio Gardella (Münster)  
Hannes Thiel (Dresden)