



# Perspectives in Representation Theory

by **Teresa Conde\***, **Samuel Lopes\*\***, **Ana Paula Santana\*\*\***  
and **Ivan Yudin\*\*\***

The international conference Perspectives in Representation Theory took place at the University of Coimbra, July 1–3, 2024, and it was a Satellite meeting of the 9th European Congress of Mathematics, Sevilla 2024 (see <https://ecm2024sevilla.com>).

The meeting was sponsored by the research centers CMUC (Centro de Matemática da Universidade de Coimbra) and CMUP (Centro de Matemática da Universidade do Porto), FCT (Fundação para a Ciência e a Tecnologia), DMUC (Departamento de Matemática da Universidade de Coimbra), CIM (Centro Internacional de Matemática) and EMS (European Mathematical Society).

The goal of this conference was to bring together mathematicians working on different aspects of representation theory and to foster collaboration, thriving to

engage early career researchers as well as students, thus providing a platform for emerging mathematicians to showcase their work, exchange ideas, and connect with other experts in the field.

The conference program included two 150-minute Lecture Series, ten 50-minute Plenary Lectures, as well as 25-minute Contributed Talks and a Poster Session. The topics covered ranged from the representation theory of groups, Lie algebras and their deformations, to module theory of rings, homological algebra and more categorical aspects of representation theory.

More information can be found at

<http://www.mat.uc.pt/~crt/prt2024/>

\* University of Bielefeld.

\*\* CMUP, Dep. de Matemática, Faculdade de Ciências, Universidade do Porto.

Partially supported by CMUP, member of LASI, which is financed by national funds through FCT, under the projects with reference UIDB/00144/2020 and UIDP/00144/2020.

\*\*\* CMUC, Universidade de Coimbra (funded by the Portuguese Government through FCT/MCTES, DOI 10.54499/UIDB/00324/2020).