



NTQO2025

9th edition of the workshop series NTQO—New Trends in Quaternions and Octonions

12–13 September 2025

by **Isabel Cação***, **Milton Ferreira**** and **Nelson Vieira***

The ninth edition of the workshop series NTQO was held at the University of Aveiro, on 12–13 September 2025. The event had 43 participants from several countries, held in a hybrid format to accommodate remote participation. The workshop brought together scientists from pure and applied mathematics, physics, scientific computing, engineering, and related disciplines. The program included four invited lectures by **Anna Kit Ian Kou** (University of Macau), **Cristina Diogo** (ISCTE-University Institute of Lisbon), **Soeren Krausshar** (University of Erfurt), and **Vladimir V. Kisil** (University of Leeds), as well as several short communications.

This edition was particularly significant, as it marked several anniversaries. It celebrated the 10th anniversary of the NTQO workshop series, which began at the University of Aveiro in 2015. The event also honoured the

75th birthday of Helmuth Malonek, one of the NTQO series' founders, and the 145th birth and 75th death anniversaries of Rudolph Fueter, a seminal figure in Quaternionic Analysis.

The NTQO2025 was jointly organized by the universities of Aveiro, Minho and Beira Interior and the participation on the event was free of charge. The organizing committee acknowledges the financial support from the following institutions: *Center for Research and Development in Mathematics of the University of Aveiro (CIDMA-UA)*, *Center of Mathematics of the University of Minho (CMAT-UMinho)*, *Center of Mathematics and Applications of the University of Beira Interior (CMA-UBI)*, and *International Center for Mathematics (CIM)*.

Further details can be found at <https://sites.google.com/view/ntqo-2025/home>

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