

# Orthonet

## ORTHONET Network

The ORTHONET network brings together researchers focusing on orthogonal polynomials and special functions, exploring their profound connections to fields such as approximation theory, operator theory, number theory, information theory, Fourier series, numerical analysis, integrable systems, and probability. This interdisciplinary approach extends beyond pure mathematics, with applications in mathematical physics, science, and technology. The ORTHONET network receives funding through project RED2022-134580-T, (Ministry of Science, Innovation, and Universities).

## ORTHONET Meeting Objectives

The main objective of the Meeting is to bring together researchers from ORTHONET, as well as those with common interests in the network's themes. The event will begin with a meeting of the principal investigators from each ORTHONET project member, where they will review recent achievements, discuss new objectives, and explore strategies for future collaboration.

## VI ORTHONET Meeting

**Dates:** December 19-20, 2024

**Venue:** Faculty of Physics, Complutense University of Madrid (Room M2)

### Program:

#### •December 19:

- 15:30 - 17:00: IP Meeting
- 17:00 - 18:00: Opening plenary lecture “Luis Vigil” by Andrei Martínez-Finkelshtein
- 18:30 - 19:10: Presentation by Diego Ruíz Antolín
- 19:15 - 19:55: Presentation by Iván Area

#### •December 20:

- 09:00 - 10:00: Plenary lecture by Alberto Enciso
- 10:00 - 10:45: Presentation by María José Cantero
- 10:45 - 11:30: Presentation by Ramón Orive
- 11:30 - 12:00 POSTER SESSION
- 12:00 - 12:45: Junior presentation by Juan E. F. Díaz
- 12:45 - 13:30: Junior presentation by Juan Antonio Villegas
- 15:30 - 16:10: Presentation by Antonio J. Durán
- 16:15 - 16:55: Presentation by Juan Luis Varona
- 17:30 - 18:30: Closing plenary lecture “Orthogonality and Applications” by Walter Van Assche
- 18:30 - 20:00: ORTHONET Researchers Assembly

## Contact

For more information, visit the official event website:

[https://www.ucm.es/manuel\\_manas/orthonet-winter-2024](https://www.ucm.es/manuel_manas/orthonet-winter-2024)

