



Visiting Lecturers Grants 2024

ACE Sur de Africa - frA+Embassies of Spain

award Dr. Makrina Agaoglou

On 22 September, Dr Makrina Agaoglou will run a 10-day visit to the University of Cape Town (UCT). During this period, she will speak about the latest projects she has been working on at a seminar entitled "Dynamic systems and real world applications". Her current research focuses on chemical reaction dynamics and on the mathematical modeling of Lagrangian transport in geophysical flows.

She will also take the opportunity to collaborate with Professor Charalampos (Haris) Skokos, from the Department of Mathematics and Applied Mathematics at the University of Cape Town (UCT), who is also familiar with the Lagrangian Descriptor method. Professor Skokos has supported her application for this call and has invited Dr. Agaoglou to visit his group on "Nonlinear Dynamics and Chaos". They both plan to present some preliminary results in prestigious scientific journals and international conferences next year.

Makrina Agaoglou (Thessaloniki, 1986) has been working since 2023 as an Assistant Professor at the Universidad Politécnica de Madrid (UPM). She got a PhD in applied mathematics in 2015, by the Aristotle University of Thessaloniki (AUTH), and is an expert in theoretical and computational dynamical systems. During her professional career, she has participated in numerous projects and collaborations with researchers in the area of dynamical systems from universities around the world, which has provided her with recognition through several fellowships, grants and awards.

Her relationship with Spain started before she started working at the UPM in 2023. Makrina collaborated with the Spanish National Research Council (CSIC), and is co-founder of the Association of Women in Mathematics of Madrid (WOMAT), which organizes events and events on science dissemination for students from various countries, such as the USA, Greece and Spain.

The Visiting Lectures Grants 2024 program is organized by ACE Sur de Africa, and it is sponsored by the Ramón Areces Foundation (frA) and the Spanish Embassies in Angola, Mozambique, South Africa and Zimbabwe. It consists of completing a collaborative stay with an institution in Southern Africa, so that the applicants strengthen relationships with researchers of their specialty and acquire professional experience that will ultimately help boost their career.

From the Society of Spanish Researchers in Southern Africa (ACESDA), we congratulate Dr. Makrina Agaoglou for this award, and we hope that the upcoming experience contributes to her personal and professional growth.