



Atlantic Conference in Nonlinear PDEs Dispersive and Elliptic Equations and Systems

by **Simão Correia***, **Hugo Tavares****, **James Kennedy*****
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The event *Atlantic Conference in Nonlinear PDEs: Dispersive and Elliptic Equations and Systems* took place at Instituto Superior Técnico, Universidade de Lisboa from October 30 to November 3, 2023, having 74 participants. This conference was sponsored by the Portuguese government via FCT – Fundação para a Ciência e Tecnologia, I.P, through the research centers CAMGSD (grant UID/MAT/04459/2020), CEMAPRE and GFM (UID/00208/2020) and through the project NoDES (PTDC/MAT-PUR/1788/2020). It was also supported by CIM (Portugal), FLAD – Fundação Luso Americana para o Desenvolvimento and Dipartimento de Matematica - Politecnico di Milano (Italy). The event was organized by Hugo Tavares and Simão Correia (IST), James Kennedy (FCUL) and Gianmaria Verzini (Politecnico di Milano), with the help of the local assistants Gabriel Moraes, Francisco Agostinho and Pêdra Andrade (IST).

The structure of the event comprise plenary talks, contributed talks (divided in two parallel session, one on Dispersive and the other on Elliptic PDEs) and poster sessions, bringing together the distinct but parallel communities working and/or interested in Elliptic and Dispersive Partial Differential Equations. It joined experts and early career mathematicians from both sides in an atmosphere that fostered an exchange of ideas and forged new collaborations and perspectives.

The *plenary lectures* were delivered by **Thomas Bartsch** (Universität Gießen), **Jean-Baptiste Casteras** (Universidade de Lisboa), **Mónica Clapp** (Universidad Nacional Autónoma de México), **Raphaël Côte** (Université de Strasbourg), **Luca Fanelli** (Ikerbasque and Universidad del País Vasco, BCAM), **Stefan Le Coz** (Université de Toulouse), **Felipe Linares** (IMPA), **Yvan Martel** (Université de Versailles), **Ademir Pastor** (Universidade Estadual

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de Campinas), **Dmitry Pelinovsky** (McMaster University), **Svetlana Roudenko** (Florida International University), **Enrico Serra** (Politecnico di Torino), **Jorge Silva** (Universidade de Lisboa), **Didier Smets** (Sorbonne Université), **Susanna Terracini** (Università de Torino), **Luis Vega** (Basque Center for Applied Mathematics), **Zhi-Qiang Wang** (Utah State University), **Tobias Weth** (Goethe-Universität Frankfurt), while the *contributed talks* were given by: **Pêdra Andrade** (Instituto Superior Técnico – Universidade de Lisboa) **Lukas Bengel** (Karlsruhe Institute of Technology), **Filippo Boni** (Università degli Studi di Napoli “Federico II”), **William Borrelli** (Politecnico di Milano), **Luccas Campos** (UFMG – Universidade Federal de Minas Gerais), **Andreia Chapouto** (UCLA), **Simone Dovetta** (Politecnico di Torino), **Amin Esfahani** (Nazarbayev University), **Francesco Esposito** (University of Calabria), **Luiz Gustavo Farah** (Universidade Federal de Minas Gerais), **Filippo Giuliani** (Politecnico di Milano), **Julia Henninger** (Karlsruhe Institute of Technology), **Marco Morandotti** (Politecnico di Torino), **Giuseppe Negro** (Instituto Superior Técnico, Universidade de Lisboa), **Matteo Rizzi** (Justus Liebig University),

(Instituto Superior Técnico, Universidade de Lisboa), **Delia Schiera** (Instituto Superior Técnico, Universidade de Lisboa), **Jacopo Schino** (North Carolina State University), **Panayotis Smyrnelis** (University of Athens), **Frédéric Valet** (University of Bergen), **Jianjun Zhang** (Chongqing Jiaotong University). *Posters* were presented by **Francisco Agostinho** (Instituto Superior Técnico, Universidade de Lisboa), **Laura Baldelli** (Polish Academy of Sciences), **Nicolò Cangiotti** (Politecnico di Milano), **Mariem Dhifet** (University of Monastir), **Umberto Guarnotta** (University of Enna “Kore”), **Zhengni Hu** (Universität Gießen), **Rahma Jlel** (University of Monastir), **Gabriel Moraes** (Universidade de Maringá) and **Sebastian Ohrem** (Karlsruhe Institute of Technology).

For more information, see the website

<https://sites.google.com/view/atlanticpdes/>