

Ramon Llull Prize on Discrete Mathematics

1st Edition

Discrete Mathematics Days 2024 – Alcalá de Henares

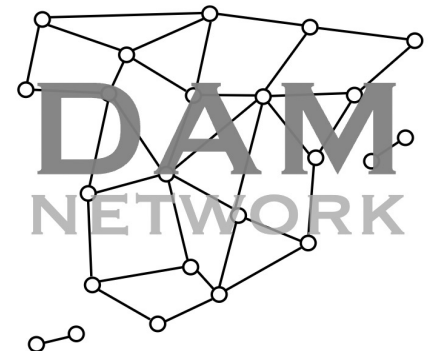


Universidad
de Alcalá



Project RED2022-134947-T funded by MCIN/ AEI

/10.13039/501100011033.



Discrete and Algorithmic Mathematics Network

Research network created in 2022, with more than 200 participants.

Foster cooperation among the existing groups in the area in Spain, reinforcing their scientific collaboration, coordinating scientific activities and training of young researchers and increase the international visibility of the Spanish research in Discrete and Algorithmic Mathematics.

Supported by “Redes de Investigación 2022” grant from AEI (2023-25).

Activities of the Network

- Discrete Math Days 2024
- Santander Workshop on Geometric and Algebraic Combinatorics
- New trends in arithmetic combinatorics and related fields (IMAG-BIRS)
- Special sessions: Bienal de la RSME 2024 (Pamplona), VI Encuentro RSME-SMM 2024 (Valencia), Congreso Jóvenes investigadores RSME 2025 (Bilbao), ...
- Ramon Llull Prize in Discrete Mathematics
- Active email distribution list (please sign in, if you wish)
- ... visit our webpage: <https://dam-network.github.io/>

Ramon Llull prize in Discrete Mathematics

Academic award for outstanding doctoral in Discrete Mathematics in the last four years, for candidates that have defended the doctoral thesis in a Spanish university or of Spanish nationality.

In line with other European prizes in Discrete Mathematics e.g. *Rado Prize* (Germany), *Delorme Prize* (France), *BCC PhD Prize* (United Kingdom).

Increase the visibility and recognition of new research talents in the area within the academic community.

Ramon Llull (Mallorca 1232 - Tunisia 1316)

Medieval philosopher.

Professor at the University of Paris

Wrote over 200 books on religion, science, philosophy, moral and social order.

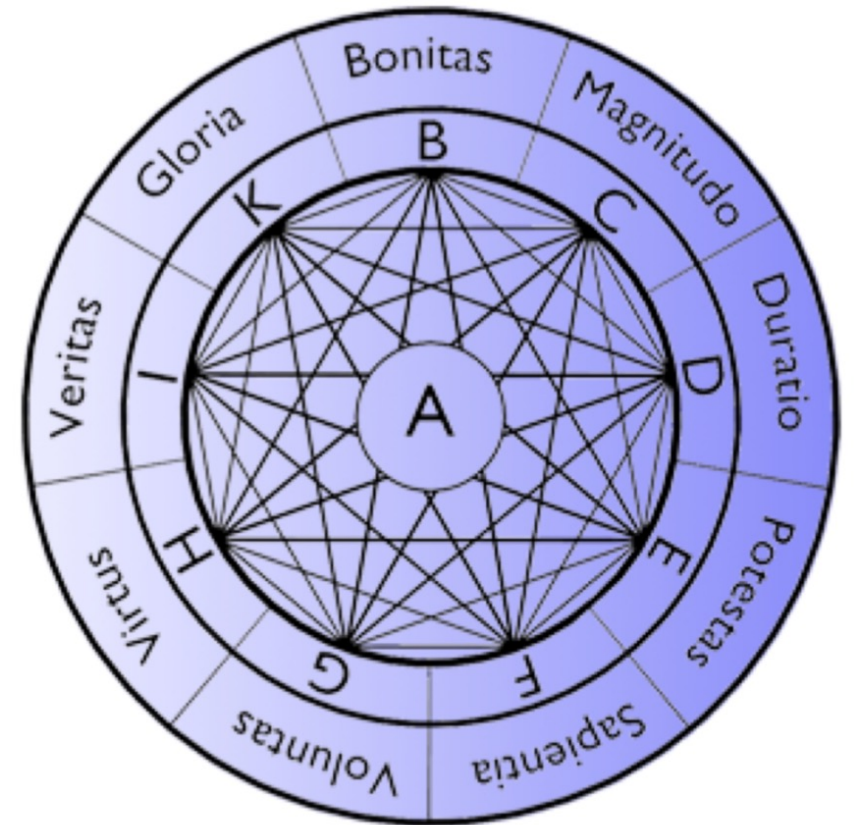


Ars combinatoria

Cosmogony integrating science, philosophy and religion in a common combinatorial framework.

Combinatorial Wheel: unify all knowledge and solve all problems, creating a vast network that connected men with God.

Influence on Leibniz's work *Dissertio de Arte Combinatoria*.



Ramon Llull prize in Discrete Mathematics

1st Edition – DMD 2024

Jury of this edition:

Gábor Lugosi (UPF-ICREA, chair)

Frédéric Havet (CRNS-INRIA, Sophia Antipolis)

Peter Keevash (Oxford)

Applications: 8



ALBERTO ESPUNY DÍAZ

University of Heidelberg

Bachelor and master degree at UPC

PhD at U. Birmingham with D. Osthus and D. Kühn

Postdoctoral fellow at U. Ilmenau with Y. Person

DFG Postdoctoral fellow at U. Heidelberg with F. Joos



ALBERTO ESPUNY DÍAZ

University of Heidelberg

The 1st Ramon Llull Prize in Discrete Mathematics is awarded to Alberto Espuny Díaz for his PhD dissertation "Hamiltonicity problems in random graphs".

The thesis contains several excellent results, most notably the solution of a 40-year old conjecture of Bollobás regarding the threshold for the existence of a Hamilton cycle in the percolated hypercube, a truly outstanding achievement.