

SECOND ANNOUNCEMENT

CODESCO'24 is the second edition of the conference **Combinatorial Designs and Codes** (Rijeka, Croatia, 2021). It will be held from **July 8 to 12, 2024** at the **Institute of Mathematics of the University of Seville (IMUS)** in **Seville, Spain**. It is a satellite event of the *9th European Congress of Mathematics*, which will also be held in Seville from July 15 to 19, 2024.

The goal of the conference is to bring together researchers interested in combinatorial design theory, coding theory, graph theory, algebraic combinatorics and finite geometry, with particular emphasis on establishing new synergies among them, and new applications to other fields and to the real world, including artificial intelligence, communication networks, cryptography and machine learning.

The main topics of the conference are:

- Construction of combinatorial designs, codes and graphs related to finite groups, finite fields and finite geometries.
- Construction of linear codes from graphs and combinatorial designs.
- Construction of error-correcting codes, quantum codes and network codes related to combinatorial structures.
- Latin squares, quasigroups, and related algebras.
- Hadamard matrices.
- Permutation polynomials over finite fields.

The scientific programme is created by 50 minute lectures of invited speakers and of 20 minute contributed talks. So, the talks presented at the conference will also cover other related topics suggested by the participants. The conference will give the opportunity to research faculty and young researchers in discrete mathematics to learn about the latest developments and explore different visions for their future work. The talks will cover both the theoretical and applied aspects of discrete mathematics, and the latter will be particularly beneficial for faculty and young researchers, by giving them the opportunity to learn more about contemporary applications of combinatorics to communications and information security.

- **INVITED SPEAKERS:**

- Marco Buratti (Sapienza Università di Roma, Italy).
- Jaime Gutiérrez (Universidad de Cantabria, Spain).
- Ilias Kotsireas (Wilfrid Laurier University, Canada).
- Anita Pasotti (Università degli Studi di Brescia, Italy).
- Patrick Solé (Aix-Marseille University, France).
- Andrea Švob (University of Rijeka, Croatia).
- Ian Wanless (Monash University, Australia).

- **SCIENTIFIC COMMITTEE:**

- José Andrés Armario (Universidad de Sevilla, Spain).
- Dean Crnković (University of Rijeka, Croatia).
- Daniel Kotlar (Tel-Hai College, Israel).
- Vladimir Tonchev (Michigan Technological University, USA)

For more information please visit the regularly updated conference website:

<https://gestioneventos.us.es/codesco24>

- **REGISTRATION:**

If you would like to attend the meeting, please register as soon as possible, but before of **June 30th** at <https://forms.gle/HAY69uXVbDzoN18d8>

- **REGISTRATION FEES:**

REGISTRATION FEES	EARLY Up to March 31st 2024	REGULAR From April 1st to May 31st 2024	LATE From June 1st to June 30th 2024
General	375 EUR	450 EUR	500 EUR
General (ECM2024 attendants)*	300 EUR	360 EUR	400 EUR
Students	200 EUR	300 EUR	300 EUR
Students (ECM2024 attendants)*	160 EUR	240 EUR	240 EUR
Accompanying persons	90 EUR	120 EUR	120 EUR

All prices are VAT included. All the early, regular and late registration fees include: conference materials, coffee breaks, lunches, conference dinner and excursion. The registration fee for accompanying persons includes: conference dinner and excursion.

* A 20% discount is offered for the registration fee of those participants who also attend to the *European Congress of Mathematics ECM 2024*.

Payment should be made by bank transfer or deposit including in the concept “**NAME + CODESCO24**”, to the following account:

Bank: Banco de Santander

Account holder: Fundacion de Investigacion de la Universidad de Sevilla

IBAN: ES91 0049 5854 3521 1608 5245

SWIFT CODE (or BIC): BSCHEMXX

Bank postal address: Avda. Felipe II, 5, 41013 - Sevilla, SPAIN

To conclude the registration process, you must forward an email, together with a copy of the bank transfer or deposit, to acti2-imus@us.es. Additionally, should an invoice with the registration payment be required, please include in the previous email all the necessary information: name, address, CIF, NIF or Tax Id.

- **CONTRIBUTED TALKS:**

If you would like to give a contributed talk, please submit an abstract before **May 15, 2024** in L^AT_EX format using the template available at

<https://personales.us.es/raufalgan/codesco24.tex>

via email to rafalgan@us.es.

- **SPECIAL ISSUE:**

After the conference, extended versions of refereed high-quality papers presented at the conference will be selected for publication in a special issue in Mathematics in Computer Science. The call for papers is available at

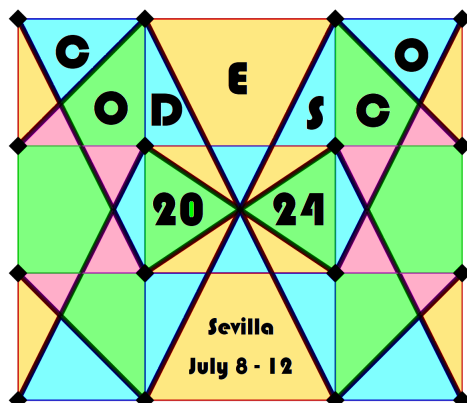
<https://www.springer.com/journal/11786/updates/26142448>

- **ABOUT THE CITY:**

European Capital of Smart Tourism 2023, Seville is the fourth biggest city of Spain and has one of the largest historic centers in Europe protected by three Unesco World Heritage Sites: Cathedral, Alcazar and Archivo de Indias. It is known worldwide for festivals such as Easter and Feria, as well as being the birthplace of flamenco.



We are looking forward to meeting you in Seville!



Sincerely,
Raúl Falcón and Andrés Armario

on behalf of the Organizing Committee

Víctor Álvarez
Andrés Armario
Raúl Falcón
María Dolores Frau
Félix Gudiel
Belén Güemes