



# 14<sup>th</sup> Spanish Conference on Electronic Devices

València, 6-8 June 2023



## Call for Papers

### Important Dates

#### Submission of abstracts:

14 February 2023

26 February 2023

#### Notification of acceptance:

31 March 2023

#### Final paper submission:

21 May 2023

### Local organizing committee

Càndid Reig

Enrique Maset

Javier Calpe

Universitat de València

### Scientific Committee

Montserrat Nafría (Chair)

Carlos Algora

Angel Luis Álvarez-Castillo

Joan Bausells

Alejandro Braña

Fernando Calle

Francesca Campabadal

Carles Cané

Helena Castán

Enrique Castaño

Carmen Coya

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Enrique Maset

Elena Navarrete

Rodrigo Picos

José Manuel Quero

Càndid Reig

Ángel Rodríguez

Albert Romano

J.A. López Villanueva

### Emeritus

Ramón Alcubilla

Xavier Aymerich

<https://congresos.adeituv.es/CDE2023>

**Deadline for submission: 26 February 2023 (final extension)**

For more than 25 years, the Spanish Conference on Electron Devices (CDE) has served as the main venue for presenting and discussing current and emerging electron devices and technologies developed by Spanish research groups. In 2023, coinciding with the 75th anniversary of the transistor discovery, CDE will be held in València from 6th to 8th June. Sevilla (2021), Salamanca (2018), Barcelona (2017), Aranjuez (2015), Valladolid (2013), Palma de Mallorca (2011), Santiago de Compostela (2009), El Escorial (2007), Tarragona (2005), Calella de la Costa (2003), Granada (2001), Madrid (1999), and Barcelona (1997) welcome past successful editions.

The range of attractions on offer in València makes it an unexpectedly stunning destination for celebrating any type of event. A varied cuisine includes traditional dishes and avant-garde culinary creations, with ingredients coming directly from the Mediterranean sea and the Valencian orchards (the fertile agricultural area surrounding Valencia). The exceptional climate is an invitation to enjoy the historical, sporting, and cultural attractions around the city, or the recreational area around the former course of the Turia river, after the event. Contrasting architecture, with unique historic monuments and futuristic buildings, is another part of València's appeal. Exemplary hotels and impressive venues adaptable to any event are what make Valencia different.

### Paper Submission

Prospective contributors are invited to electronically submit a two-page abstract of their work, in English. Authors with accepted abstracts will be then encouraged to submit an extended version paper (four-page, IEEE conferences format) to be included in the conference proceedings, published by the IEEE Xplore online digital library.

### Topics

The aim of the conference is to review the advances in the field of electronic devices, according to the following topics:

#### Horizontal topics (techniques and processes)

H1. Materials and processing technology

H2. Device modeling and simulation

H3. Characterization and reliability

#### Vertical topics (device types)

V1. Sensors, actuators and micro/nano systems

V2. Photovoltaic and optoelectronic/photonic devices and displays

V3. Biomedical devices and Lab-on-Chip

V4. New device concepts: quantum devices, nano-devices, RF, microwave, and power devices

### Special sessions

Special sessions on "Power devices" and "Memristors", as well as round-table sessions on the actuality of devices and microelectronics are being considered. You should contact the organization with further potential proposals.

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