The 2023 edition of the International Conference on Synthesis, Modeling, Analysis and Simulation Methods and Applications to Circuit Design (SMACD) will be held at VidaMar Resort Hotel, a stunning location on Madeira island, Portugal. SMACD is a forum devoted to modeling, simulation, and synthesis for Analog, Mixed-signal, RF (AMS/RF), and multi-domain (nanoelectronics, biological, MEMS, optoelectronics, etc.) integrated circuits and systems. Open-source tools and methods for AMS/RF and multi-domain IC design and experiences with modeling, simulation, and synthesis techniques in diverse application areas are also welcomed. Objective technologies include CMOS, beyond CMOS, and More-Than-Moore such as MEMs, power devices, sensors, passives, etc. SMACD is technically co-sponsored by the IEEE, IEEE CEDA, and IEEE CASS, and its proceedings will be published in IEEEExplore.

**CALL FOR PAPERS**

The 2023 edition of the International Conference on Synthesis, Modeling, Analysis and Simulation Methods and Applications to Circuit Design (SMACD) will be held at VidaMar Resort Hotel, a stunning location on Madeira island, Portugal. SMACD is a forum devoted to modeling, simulation, and synthesis for Analog, Mixed-signal, RF (AMS/RF), and multi-domain (nanoelectronics, biological, MEMS, optoelectronics, etc.) integrated circuits and systems. Open-source tools and methods for AMS/RF and multi-domain IC design and experiences with modeling, simulation, and synthesis techniques in diverse application areas are also welcomed. Objective technologies include CMOS, beyond CMOS, and More-Than-Moore such as MEMs, power devices, sensors, passives, etc. SMACD is technically co-sponsored by the IEEE, IEEE CEDA, and IEEE CASS, and its proceedings will be published in IEEEExplore.

**SMACD23**

**3-5 JULY • FUNchal-MADEIRA ISLAND • PORTUGAL**

The 2023 edition of the International Conference on Synthesis, Modeling, Analysis and Simulation Methods and Applications to Circuit Design (SMACD) will be held at VidaMar Resort Hotel, a stunning location on Madeira island, Portugal. SMACD is a forum devoted to modeling, simulation, and synthesis for Analog, Mixed-signal, RF (AMS/RF), and multi-domain (nanoelectronics, biological, MEMS, optoelectronics, etc.) integrated circuits and systems. Open-source tools and methods for AMS/RF and multi-domain IC design and experiences with modeling, simulation, and synthesis techniques in diverse application areas are also welcomed. Objective technologies include CMOS, beyond CMOS, and More-Than-Moore such as MEMs, power devices, sensors, passives, etc. SMACD is technically co-sponsored by the IEEE, IEEE CEDA, and IEEE CASS, and its proceedings will be published in IEEEExplore.

**ORGANIZING COMMITTEE**

General Chair: Nuno Horta, IT and University of Lisbon, PT
Technical Program Chairs: Francisco Fernández, IMSE-CNM, USeville and CSIC, ES Günhan Dündar, Boğaziçi University, TR
Ricardo Martins, IT and University of Lisbon, PT
EDA Competition Chairs: Elisenda Roca, IMSE-CNM, ES Marcelino dos Santos, INESC-ID and ULisbon, PT
IC Design Contest Chairs: Jorge Fernandes, INESC-ID and ULisbon, PT
Marco Oliveira, Synopsys, PT
Tutorial & Special Session Chairs: Jorge Guillerme, IT and Polytechnic of Tomar, PT
Nuno Lourenço, IT, PT
Industrial Liaison Chairs: Fábio Passos, IT, PT
Rafael Castro-López, IMSE-CNM, ES
Publication & Publicity Chairs: Nuno Lourenço, IT, PT
Giulia Di Capua, UCassino and Southern Lazio, IT

**TECHNICAL PROGRAM COMMITTEE**

E. Afacan; S. Azimi; M. Barragán; A. Boni; M. Caselli; R. Castro-López; P. Cavallini; H.-M. Chen; C. Dehollain; M. Dessouky; G. Di Capua; A. Doboli; G. Dündar; N. Evmorfopoulos; M. Fakhfakh; N. Fernia; J. Fernandes; F. V. Fernandez; F. García-Redondo; G. Gielen; G. Gläser; H. Grab; F. Grasso; J. Guillerme, L. Hedrich; E. Henning; N. Horta; A. Kubacak; G. Leger; C.-N. Liu; N. Lourenço; P.-H. Lin; R. Martins; M. Nafria; V. Ntinas; J. Nuñez; V. Oklobdzija; K. Ozanoglu; F. Passos; S. Reza; E. Roca; M. Santos; J. Scheible; G. Shi; R. Sommer; H. Stratigopoulos; S. Tan; E. Tlelo-Cuautle; G. Vandersteen; M. Yakupov; M. Yelten; L. Zhang.

**CONFERECE VENUE**

VidaMar Resort Hotel, Funchal, Madeira Island

**CONFERENCE VENUE**

VidaMar Resort Hotel, Funchal, Madeira Island

**SPONSORED BY**

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Logo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute of Telecommunications</td>
<td>![Logo]</td>
</tr>
<tr>
<td>Instituto de Telecomunicaciones</td>
<td>![Logo]</td>
</tr>
<tr>
<td>Instituto de Telecomunicaciones</td>
<td>![Logo]</td>
</tr>
<tr>
<td>Técnico Líbano</td>
<td>![Logo]</td>
</tr>
<tr>
<td>Instituto de Telecomunicaciones</td>
<td>![Logo]</td>
</tr>
<tr>
<td>IMMS</td>
<td>![Logo]</td>
</tr>
<tr>
<td>Madeira</td>
<td>![Logo]</td>
</tr>
</tbody>
</table>

**IMPORTANT DATES**

- **Paper Submission Deadline:** February 3rd, 2023
- **Author Notification:** March 17th, 2023
- **Camera Ready Paper Submission:** March 31st, 2023
- **Early Registration Deadline:** March 31st, 2023