SENSORDEVICES 2024

Forward

The Fifteenth International Conference on Sensor Device Technologies and Applications (SENSORDEVICES 2024), held on on November 3-7, 2024, continued a series of events focusing on sensor devices themselves, the technology-capturing style of sensors, special technologies, signal control and interfaces, and particularly sensors-oriented applications. The evolution of the nano-and microtechnologies, nanomaterials, and the new business services make the sensor device industry and research on sensor-themselves very challenging.

Most of the sensor-oriented research and industry initiatives are focusing on sensor networks, data security, exchange protocols, energy optimization, and features related to intermittent connections. Recently, the concept of Internet-of-things gathers attention, especially when integrating IPv4 and IIPv6 networks. We welcomed technical papers presenting research and practical results, position papers addressing the pros and cons of specific proposals, such as those being discussed in the standard fora or in industry consortia, survey papers addressing the key problems and solutions on any of the above topics short papers on work in progress, and panel proposals.

We take here the opportunity to warmly thank all the members of the SENSORDEVICES 2024 technical program committee, as well as all the reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and effort to contribute to SENSORDEVICES 2024. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also thank the members of the SENSORDEVICES 2024 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that SENSORDEVICES 2024 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of sensor devices technologies and applications. We also hope that Nice provided a pleasant environment during the conference and everyone saved some time to enjoy the historic charm of the city.

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