

المؤتمر الدولي الخامس عشر للنظم والاشارات والأجهزة

19-22 اذار/مارس 2018، مدينة الحمامات- تونس

تنظم كلية الهندسة بجامعة فيلادلفيا مؤتمرها الدولي الخامس عشر بالتعاون مع جامعة لايبزج الألمانية وجامعة كمينتز الألمانية وجامعة صفاقس التونسية وبرعاية المعهد الدولي لمهندسي الكهرباء والالكترونيات (IEEE) وسيعقد في مدينة الحمامات التونسية خلال الفترة 19-22 اذار/مارس 2018. يتضمن المؤتمر اربعة محاور رئيسية هي:

- **هندسة الاتصالات والحاسوب وتكنولوجيا المعلومات.**

- **هندسة الطاقة والطاقات المتجددة.**

- **هندسة الاتمة والتحكم.**

- **المجسات ونظم القياس.**

يشارك في المؤتمر اعداد كبيرة من الباحثين واساتذة الجامعات وطلبة الدراسات العليا من مختلف الدول للتعرف على الاتجاهات الحديثة في مجال البحث العلمي والتطبيقات الهندسية.

15th IEEE International Multi-Conference on Systems, Signals and Devices SSD' 2018

March 19-22, 2018, Hammamet-Tunisia

The International Multi-Conference on Systems, Signals and Devices 2018 will be held on **March 19-22, 2018 in Hammamet – Tunisia.**

The **IEEE SSD'2018** conference is an international forum dedicated to researchers and specialists in different fields of electrical engineering. It brings together scientists and practitioners from research organizations, universities and companies in a multidisciplinary event, with the aim of strengthening links between researchers of different specialties. This event will provide the opportunity to share together the latest achievements in systems and control. Both theoretical and applied papers are welcomed for submission to this event.

Accepted and presented papers during the conference will be published in **IEEEExplore**. Authors of best papers presented at SSD conference will be offered an opportunity to publish their works in followed international **books and in the following international journals:**

***Advances in Systems, Signals and Devices** (ISSN 2365-7507, published by De Gruyter)
***International Journal of Digital Signals and Smart Systems** (ISSN 2389-0311, Inderscience).

We would invite you to submit your recent research via **SSD'2018** website ([Submission](#)), or directly through **EDAS** the manager of the conference <http://edas.info/N24004>.

In order to give more success to our Conference, I will be so grateful if you diffuse the Call for Papers of **SDD'2018** and the website URL ([Call for Papers SDD 2018](#)) to your colleagues and Email contacts.

The important dates are:

Deadline for paper submission: **November 30th, 2017**.

Notification of Acceptance: **January 15th, 2018**.

Final paper manuscripts: **January 31th, 2018**.

To write your paper, please respect the IEEE templates for LATEX formats or Microsoft Word that may be found at:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Best Regards

For the organization committee

Prof. Kasim M. Al-Aubidy,
Co-General Chair, IEEE SSD2018
The Dean, Faculty of Engineering,
Philadelphia University, Jordan
P O Box 1, Jordan, 19392

March 19 – 22, 2018, Hammamet, Tunisia



SSD'18

15th International Multi-Conference on Systems, Signals and Devices

CALL FOR PAPERS (Extended deadlines)



The International Multi-Conference on Systems, Signals and Devices (SSD) co-sponsored by IEEE focuses on research, development and applications associated with the field of Electrical Engineering and Information Technology. The 15th edition SSD'18 will be held in Hammamet-Tunisia, from 19th to 22nd of March, 2018.

The SSD has been established since 2001 as a forum for specialists to provide a broad coverage and dissemination of foundational research in the interdisciplinary field of Electrical Engineering among researchers, academics and practitioners. With four scheduled conferences, the SSD will cover interesting fields of electrical and information technology. Each conference will include prominent keynote lecturers as well as oral sessions. Special issues of renowned scientific Journals will be published.

General Chairs

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The organizing committee of SSD'18, cordially invite you to submit full paper contribution to the following areas and hope to see you in Tunisia 2018:

Communication, Signal Processing & Information Technologies (CSP)

- Communication Systems
- Digital Signal Processing
- Wireless Communication
- Coding Compression and Inf. Theory
- Image, Video and Speech Processing
- Computational Intelligence
- Distributed and Real Time Systems

Systems Automation & Control (SAC)

- Advances in Linear Control Theory
- Modeling and Identification
- Linear and Nonlinear Control
- Predictive and Adaptive Control
- Neural and Fuzzy Control
- Man-Machine Systems
- Large Scale Systems
- Robotics and Mechatronics

Power Systems & Smart Energies (PSE)

- Power Converters
- Electrical Machine Design
- Automotive Electrical Systems
- Monitoring and Diagnostics
- Variable Speed Drives
- Power Systems
- Renewable Energy
- Smart Grids

Sensors , Circuits & Instrumentation Systems (SCI)

- Sensors, Nano Sensors, Nano Systems
- Sensor Signal Processing
- Impedance Spectroscopy
- Energy Harvesting and Transmission
- Circuit Test, Device Characterization and Modeling
- Custom and Semi-Custom Circuits
- Embedded Systems

Accepted and presented papers during the conference will be published in **IEEE Xplore**. Authors of the best papers presented at SSD conference will be offered an opportunity to publish their works in springer books, international journals: **Advances in Systems, Signals and Devices** (ISSN 2365-7507) and **International Journal of Digital Signals and Smart Systems** (ISSN 2389-0311)

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Full details of submission procedures are available at www.ssd-conf.org/ssd2018/

