

# CAS Workshop 2017



IEEE Circuits and Systems Society outreach initiative is glad to promote a 2-days workshop on microelectronics and its applications. The lecturers, selected among leading experts from academia and industry, will provide a systematic and thorough review of the state of the art integrated circuits and systems design. Each topic will be covered by about one and a half hour talk, as it is adequate to provide both an overview and a better insight of advanced details. The presentations will be taught in English.

The CAS workshop will take place in the Almo Collegio Borromeo, an historical university college of merit founded in 1561 by Saint Charles Borromeo and nowadays recognized by the Italian Ministry of University, Education and Research as an institute of higher cultural status and center of excellence.

## Workshop Program

### Monday March 20th

#### 08:30 Opening

#### Invited Lecture

Monday, 20/03/2017, 09:00 to 10:30 Prof. P. Rombouts University of Gent (BE)

#### **Continuous Time Sigma Delta Modulators and VCO ADC's**

#### Invited Lecture

Monday, 20/03/2017, 11:00 to 12:30 Prof. S. Levantino Politecnico di Milano (IT)

#### **Mostly-Digital Phase Locked Loops**

#### Invited Lecture

Monday, 20/03/2017, 14:00 to 16:00 Prof. B. Staszewski University College Dublin (IE)

#### **Recent advancements in ultra-low power RF circuits and Wave-shaping in RF oscillators**

### Tuesday March 21st

#### Invited Lecture

Tuesday, 21/03/2017, 09:00 to 10:30 Prof. T. Delbruck Institute for Neuroinformatic Zurich (CH)

#### **Silicon Retina Technology**

#### Invited Lecture

Tuesday, 21/03/2017, 11:00 to 12:30 Prof. D. Zito Aarhus University (DK)

#### **5G mm-Wave Circuits and Systems for Wireless Communication, Sensing and Imaging**

#### Invited Lecture

Tuesday, 21/03/2017, 14:00 to 15:30 Dr. C. Fiocchi Austria Microsystems (IT)

#### **LDO application and design requirements**

#### Invited Lecture

Tuesday, 21/03/2017, 15:30 to 16:30 Dr. D. Rossi STMicroelectronics (IT)

#### **Looking back and forward: the execution dilemma and the importance of radical innovation**

#### 16:30 Workshop Closing

The participation to IEEE Circuit and System Society workshop is free. However, because the classrooms have limited occupancy, the maximum number of participants will be 50. For more information, take a look at the workshop website:

<http://ims.unipv.it/CASWS2017/>

Make your reservation at your earliest convenience by sending an e-mail to: [casws2017@gmail.com](mailto:casws2017@gmail.com)



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