The magical city of Cracow is the second largest city in Poland. Located in the south of the country on the Vistula river, it is a capital city of Lesser Poland Voivodeship. It is a place where history and tradition intertwine with culture, modern technologies and economic development.

Officially rooted in XIIIth century, its history is much older. Being the capital of the Crown of the Kingdom of Poland between 1038 and 1569, it has never stopped thriving as an economic and cultural center. Cracow’s Golden Age came by the end of the 15th century when it was the thriving metropolis of a vast and prosperous kingdom stretching from the Black Sea to the Baltic Sea.

The uniqueness of this place has not gone unnoticed. Entire Cracow’s Historic Centre (Old Town) is on the UNESCO World Heritage List. It is recognized by many as its largest medieval market square in Europe and its architecture originating from Gothic through Renaissance and Baroque epochs. The Royal Wawel Castle, the seat of Polish kings and their biggest necropolis, is a diamond that rules over the landscape of the city. It was officially recognized as European Capital of Culture (2000), UNESCO City of Literature (2012) and hosted World Youth Days (2016) as well as participated in European Football Championship (2012).

Another important feature of Cracow is its academical prowess. With over 650 years of academic tradition, it holds one of the oldest civil universities in Europe (Jagiellonian University). Currently it is a home to five major universities (with AGH University of Science and Technology leading in engineering research) and various higher education schools which gives a total population of approximately 200,000 students.

The high-tech landscape in Cracow continues to expand. It boast a special economic zone [Cracow Technologic Park for major high-tech investments] with several major R&D centers (e.g. Thermaflex, Nokia, Aptiv, Silicon Creations, Ericsson, Comarch) focused on industrial electronics and software, four enterprise incubators, three commercial fair grounds, and seven higher schools of economics. Over 100,000 private businesses and nearly 2,000 public firms carry on in Cracow with an aggregate revenue to the tune of 14.6 billion euro. Surprisingly, the city’s big companies with hundreds and thousands on the payroll come under the spotlight yet they are hardly representative of Cracow’s economy.

The self-employed and small enterprises, employing less than ten workers account for over ninety percent of business entities incorporated in the city. Foreigners, own (wholly or partially) more than 1,900 companies. The self-employed and small enterprises, employing less than ten workers account for over ninety percent of business entities incorporated in the city. Foreigners, own (wholly or partially) more than 1,900 companies.

The site of the conference is the Auditorium Maximum of Jagiellonian University.
Digital, Security and Memory

Techniques for energy efficient and high performance digital circuits: I/O and Inter-chip communication; Reconfigurable digital circuits; Security and encryption circuits: Clocking; Arithmetic building blocks; Memories; Microprocessors; DSP; Memory interfacing; Bus interfacing; Many core and multirate ICs; 3D integration.

Power Management
Energy transducers; Power regulators; DC-DC converters; Energy-saving circuits; LEDs; Boost-buck-converters; LED and gate drivers; Sequencers and supervisors; Green circuits.

PAPER SUBMISSION
Manuscript guidelines as well as instructions on how to submit electronically will be available on the conference website. Papers must not exceed four A4 pages with all illustrations and references included.

All submissions must be received by 8th April 2019.

Papers submitted for review must clearly state:
- The purpose of the work
- How and to what extent it advances the state-of-the-art
- Specific results and their impact

Only work that has not been previously published or submitted elsewhere will be considered.

Submission of a paper for review and subsequent acceptance is considered as a commitment that the work will not be publicly available prior to the conference.

After selection of papers, the authors will be informed about the decision of the Technical Program Committee by e-mail by 31st May 2019.

At the same time, the complete program will be published on the conference website. An oral presentation will be given at the conference for each accepted paper. No-shows will result in the exclusion of the papers from any conference related publication. The submitted final PDF files should be IEEE Xplor compliant.

For each paper independently, at least one co-author is required to register for the Conference (one registration—one paper policy).

Registration fees and deadlines will be available on the conference website.