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Editorial

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Editorial

Editor-in-Chief

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It is my pleasure to welcome you to the first issue of the International Journal of Electronic Signals and Systems (IJESS), which is coming out in May 2011. IJESS is a scholarly international journal that publishes original research papers in the fields of theory and design of circuits, systems and devices for electronics, signal processing, and communication. IJESS publishes original research papers and review articles in the areas of electronics signals and communication systems both public communication systems (Telecommunication, mobile, Internet, and Cable TV) and private systems (Intranets, enterprise networks, LANs, MANs, WANs). IJESS includes the following areas but not limited to:

- **Signals:** Analog and digital signals processing; Speech and biomedical signal processing and coding; Multirate signal processing; A/C and C/A Conversion.
- **Images:** Image processing; Image formation, modeling and representation; Image analysis and pattern recognition; Image/video coding and transmission; Image storage, retrieval; Multimedia.
- **Circuits:** General circuits theory; Methods of circuit analysis, synthesis, design, and optimization; Analog and digital filter design; ASICs and VLSI circuit design; Nonlinear and chaotic circuits; Switched-capacitor and switched-current circuits; Neural networks; Cellular neural networks; RF and microwave circuits.
- **Systems:** Analog and digital electronic systems; Electronic embedded systems; VLSI and large scale systems; Data Acquisition Systems, FPGA-based systems; Multimedia systems; RF systems, Communication systems; Nonlinear, adaptive, and intelligent systems; Neural and fuzzy systems; Artificial intelligence and expert systems
- **Mathematical and Computational Methods:** Fast algorithms and transforms; Simulation and modeling; Testing and fault analysis; Sensitivity and symbolic analysis; Multiresolution analysis and wavelets; Neural and fuzzy computing; Computer aided design.
- **Applications:** Electronic systems, signals and image processing and recognizing in medicine, environment, communications etc.
- **Education:** Multimedia in education; Software for teaching signals and electronic systems; Student laboratories.

I welcome you to publish your scholarly articles in IJESS also invite conference organizers to propose for the special issue of IJESS. I am sure the readers shall get value additions in their research and development.

(Professor N. S Murthy)