IEEE GREENTECH 2015 – Call for Papers

GREENTECH for Economic and Environmental Sustainability:
Surviving Change and Building the Future

April 15th –17th, 2015

Intercontinental Hotel, New Orleans, LA

444 St Charles Ave, New Orleans, Louisiana 70130

For more information:

Please visit conference website:
http://www.ieeegreentech.org/
(will be available in June 2014)

or Contact:

Technical Program Chair:
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Important Dates:

Submission of Full Papers:
October 1, 2014

Decision Notification:
December 15, 2014

Final Manuscripts Submission:
January 20, 2015

Author Registration Deadline:
January 15, 2015

Submitted manuscripts should be limited to 8 pages. Submissions should be formatted using the IEEE Proceedings template[1]

Electronic submission of manuscripts (in PDF or Word formats) is required through EasyChair[2]

The 7th Annual IEEE Green Technologies Conference (GREENTECH 2015) is conceived to address some of the most pressing challenges of our time: the development of practical ways to secure green and clean energy sources to meet current and future energy needs and to ensure the robustness and resilience of the power grid for the delivery of the energy to consumers. To effectively meet these challenges various cross-disciplinary collaborative efforts involving many branches of engineering, science, architecture, economics, sociology and other disciplines to bring about appropriate technology responses and effective policy initiatives for their widespread deployment. In addition, the harmonious collaboration among utilities, vendors, regulators, and academics is essential for the efficient implementation of such technologies and initiatives.

GREENTECH 2015 will provide an excellent venue for hearing about the latest developments and for exchanging views with the leading experts and industry practitioners. In particular, GREENTECH 2015 will focus on the following areas:

- Lessons Learned in the Deployment of Green Technology
  - Deployment Removal of key barriers and progress in addressing integration challenges
  - Economies of scale
  - Progress in the retirement of polluting fossil-fuel resources
  - Acceptance by the end users
  - Active participation by consumers in ensuring supply-demand balance around the clock
  - Useful case studies and inspiring success stories
- Major Challenges and Opportunities in Green Technology
  - Harnessing recent technology advances in material, computer, communication and information technologies,
  - Technology lifecycle management
  - Toward effective and technically sound policy formulation and implementation
  - Renewables and big data
  - Tools needed to plan, design and operate systems with integrated green energy resources
  - Green energy for data centers and other critical infrastructure loads
  - Energy storage challenges and practical solutions
  - Electric vehicles and their role in the green energy future
  - Ensuring the continued availability of a well-educated work force
- Toward Grid Robustness and Resilience
  - Progress on the transmission build out and overcoming current challenges
  - Availability, security and deliverability of renewable energy
  - Role of microgrids in the green energy world
  - Capacity, reliability and power quality management
  - Assurance of physical and cyber security in the green energy systems
  - Addressing the challenges of grid operations in systems with integrated green resources
  - Demand side management
  - Energy efficiency and asset management

[1] IEEE Proceedings Template – http://conferences.computer.org/icws/2007/IEEEProceedingsTemplate.doc
[2] EasyChair Paper Submission Website - https://www.easychair.org/conferences/?conf=ieeegreentech2015