Signal Processing and Applied Mathematics for Electronics and Communications
August 26-28, 2011 — Cluj-Napoca, Romania
http://www.sp.utcluj.ro/SPAMEC/SPAMEC2011.html

Signal Processing and Applied Mathematics for Electronics and Communications Workshop, SPAMEC 2011, will take place in the city of Cluj-Napoca, Romania. Located in the heart of Transylvania, the charming city will fascinate you with the mystery of its history and will capture your heart with the beauty of river Somes, surrounding lakes and Western Carpathian Mountains.

Submission
Prospective authors are invited to submit full-length, four-pages long papers (including figures and references) of novel research material. Papers must be submitted electronically by May 10, 2011. Each paper will be reviewed by at least two independent re-viewers and evaluated based on its originality, significance, and clarity. The papers will be published in EURASIP Open Library. The workshop topics are classified as follows:

**Circuits and systems**
- Digital signal processing systems
- Sampling, extrapolation, and interpolation
- Time-frequency analysis
- Compressed representations and transforms
- Sparse representations
- Filter design and structures
- Adaptive signal processing
- Fast algorithms
- Systems modeling and identification
- Non-linear systems
- Circuits modeling

**Signal processing algorithms for communications**
- Multi-antenna communications
- Channel estimation, equalization and modeling
- Statistical signal processing
- Collaborative signal processing
- Source localization in wireless sensor networks
- Signal reconstruction, identification and classification

**Algorithms for multimedia signal processing**
- Audio and speech processing
- Image and bio-medical signal processing
- Sensor array and multi-channel signal processing
- Blind signal separation

**Important Deadlines**
- May 10, 2011 — Electronic submission of papers
- July 10, 2011 — Submission of camera-ready papers
- June 15, 2011 — Notification of acceptance
- July 20, 2011 — Registration for reduced price