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CALL FOR PAPERS

NEMO2014 is a **brand new international conference**, which brings together experts and practitioners of computational electromagnetics for RF, microwave, and terahertz applications. This conference is the ideal venue to share new ideas on numerical techniques for electromagnetic modeling, propose efficient design algorithms and tools, and anticipate the modeling needs of future technologies and applications.

NEMO2014 is **organized by the IEEE Microwave Theory and Techniques Society (MTT-S) with the technical co-sponsorship of the European Microwave Association (EuMA)**. The conference will be organized annually, rotating between Europe, North America, and Asia. The first edition is hosted by the University of Pavia, Italy.

The conference features an exciting technical program, an industry exhibit, and invited talks by internationally recognized experts in computational electromagnetics.

CONFERENCE TOPICS

Prospective authors are cordially invited to submit papers in all areas of electromagnetic modeling and optimization, including but not limited to:

- Computational electromagnetics
- Analytical and semi-analytical modeling
- Integral equations
- FDTD methods
- FEM methods
- Hybrid modeling techniques
- Frequency-domain methods
- Time-domain methods
- High-frequency methods
- Large-scale problems
- Parallel computing
- Optimization methods
- Computer aided design tools
- Active device and circuit modeling
- Linear and non-linear CAD techniques
- Modeling of integrated circuits
- Signal integrity analysis
- Modeling of biological effects
- Multi-physics modeling
- Modeling of nanostructures
- Terahertz circuit modeling
- New and emerging areas

Submitted papers should be four pages in length. Authors must adhere to the format provided in the paper template available in the conference site.

IMPORTANT DATES

Submission deadline:	Dec. 31, 2013
Acceptance notification:	Jan. 31, 2014
Final paper submission:	March 1, 2014
Conference date:	May 14-16, 2014





SUBMISSION INFORMATION

The conference will consist of oral and poster presentations. English is the official language of the conference.

Prospective authors are cordially invited to submit a four-page paper, according to the IEEE format template available from the conference website. The paper should explain clearly the original content and relevance of the proposed technical contribution. Please use the on-line submission site and instructions (accessible from the conference web site) to submit your contribution. Authors should indicate their preference for oral or poster presentation. **The preliminary paper submission deadline is Dec. 31, 2013.**

All submitted papers will be peer reviewed. Notification of acceptance will be communicated to the authors by e-mail by Jan. 31, 2014.

Accepted papers will appear in the NEMO2014 conference proceedings and will be included in IEEEXplore. **The deadline for submitting the final version of accepted papers is March 1, 2014.**

STUDENT PAPER CONTEST

A Student Paper Contest will be held during NEMO2014. Students participating in this contest will present their work during the regular conference sessions. Their work will be evaluated taking into account both the presentations and the grades obtained during the review process.

The winner of the **Best Student Paper Award** will be selected by an international Jury and announced during the Conference Dinner on May 15, 2014.

CONFERENCE VENUE

The venue of NEMO2014 is in the historical hall "Aula Foscolo", which is located in the main building of the University of Pavia, Strada Nuova 65, Pavia, Italy.

The University of Pavia is one of the oldest universities in Europe. An edict issued by King Lotharius quotes a higher education institution in Pavia as already established in 825. Enlarged and renovated by the Duke of Milan, Gian Galeazzo Visconti, it was officially established as a Studium Generale by Emperor Charles IV in 1361. **Alessandro Volta**, Girolamo Cardano, and Camillo Golgi are some of the most famous professors who taught at the University of Pavia.

Pavia is located in northern Italy, **easy to reach from Milan airports** and close to destinations like Venice and Florence.



Aula Foscolo (conference venue)

Volta Court, University of Pavia



Downtown Pavia



FOR FULL CONFERENCE DETAILS VISIT
nemo-ieee.org

