

CEM'17 International Workshop is a friendly platform to discuss recent progress in all areas related to computing, electromagnetics, computational science and engineering (CSE), multi-physics problems, high-performance computing (HPC), and parallel computing.

Since 2007, CEM experts and enthusiasts have been meeting biennially to exchange ideas and knowledge. On its 10-year anniversary, CEM'17 will be held in the fabulous Mediterranean city of Barcelona. CEM'17 is supplemented with a strong social program, creating a hospitable environment in Barcelona's rich cultural and historical background.

<http://cem17.computing.technology/>

Topics of Interest

Computing

- Parallel computing
- High-performance computing
- Heterogeneous computing
- Fast solvers
- Integral equations
- Iterative solvers and preconditioning
- Frequency-domain methods
- Time-domain methods
- Direct solvers
- Recursive solvers
- Optimization methods
- Differential equations
- FDTD methods
- FEM methods
- Hybrid methods
- Numerical linear algebra
- Petascale supercomputing
- Towards exascale computing
- Novel hardware platforms

Applications

- Electromagnetics
- Multi-physics
- Large-scale CSE problems
- Scattering and RCS
- Antennas
- Microwaves
- Radars
- Metamaterials
- Optics
- Imaging
- Remote sensing
- Inverse problems
- Biomedical applications
- Wireless and propagation
- EMC/EMI
- Chips, packages, and interconnects
- Terahertz
- High-frequency problems
- Stealth technology

Important Dates

March 1, 2017: Submission of one-page abstracts

April 1, 2017: Notification of acceptance

May 1, 2017: Early registration deadline

May 15, 2017: Submission of two-page papers



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Please direct your questions and inquiries to

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Information about CEM'17 and Barcelona is available on the workshop website.

