



September 20-24, 2010  
Sydney, Australia



MACQUARIE  
UNIVERSITY



CALL FOR PAPERS

**INTERNATIONAL CONFERENCE ON ELECTROMAGNETICS  
IN ADVANCED APPLICATIONS (ICEAA 2010 - Offshore)**

September 20-24, 2010

Sydney, Australia

For the first time in its history, the *International Conference on Electromagnetics in Advanced Applications (ICEAA)* is moving off the shores of Italy to Sydney, Australia!

The twelfth edition of the International Conference on Electromagnetics in Advanced Applications (ICEAA 2010) will consist of invited and contributed papers, as well as workshops and short courses. The Conference is supported by the Politecnico di Torino and by the Istituto Superiore Mario Boella, with the principal technical cosponsorship of the IEEE Antennas and Propagation Society and the technical cosponsorship of the International Union of Radio Science (URSI).

*Suggested Topics*

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|--|--|
| 1 Active and smart antennas                        | 15 Microwave antennas                            |
| 2 Electromagnetic applications to biomedicine      | 16 MIMO antenna systems                          |
| 3 Electromagnetic applications to nanotechnology   | 17 Optoelectronics and photonics                 |
| 4 Electromagnetic measurements                     | 18 Phased and adaptive arrays                    |
| 5 Electromagnetic modeling of devices and circuits | 19 Plasma and plasma-wave interaction            |
| 6 Electromagnetic packaging                        | 20 Printed and conformal antennas                |
| 7 Electromagnetic properties of materials          | 21 Radar cross section and asymptotic techniques |
| 8 EMC/EMI/EMP                                      | 22 Radar imaging                                 |
| 9 Finite methods                                   | 23 Radomes                                       |
| 10 Frequency selective surfaces                    | 24 Random and nonlinear electromagnetics         |
| 11 Integral equation methods                       | 25 Statistics in electromagnetics                |
| 12 Intentional EMI                                 | 26 Technologies for mm and sub-mm waves          |
| 13 Inverse scattering and remote sensing           | 27 Wireless communications                       |
| 14 Metamaterials                                   | 28 Other   |

(over)

## *Information for Authors*

Authors of invited and contributed papers must submit a full-page abstract by February 26, 2010, containing sufficient information to allow the Scientific Committee to evaluate their contribution.

Each submitted abstract must be accompanied by mailing address, telephone and fax numbers, and email address of the corresponding Author, as well as the topic number(s).

Authors will be notified of acceptance by April 9, 2010, and will be given instructions for submission of the full paper to be published in the Conference proceedings and in IEEE Xplore.

ICEAA 10 requires one full registration for every paper, i.e. every paper must be accompanied by a registration fee. Full paper, executed copyright form and non-refundable registration fee of the presenting Author are due by June 4, 2010.

A final program will be published, posted on the website and mailed in June 2010.

*Conference language:* The official language of the Conference is English.

<b>Deadlines:</b>	Submission of abstract	February 26, 2010
	Notification of acceptance	April 9, 2010
	Final manuscript and presenter registration	June 4, 2010

*Submit abstract and final manuscript electronically to:* **<http://www.iceaa-offshore.org>**

*Send registration by fax or mail to:* **Ms Christine Hale - ICEAA 2010**  
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*For the Proceedings of previous ICEAA editions, visit:* **<http://ieeexplore.ieee.org/Xplore/dynhome.jsp>**

*For the latest information, visit:* **<http://www.iceaa-offshore.org>**