



FACULTY OF ELECTRICAL
ENGINEERING
UNIVERSITY
OF WEST BOHEMIA

AMTEE '11

Advanced Methods in the Theory
of Electrical Engineering



PROCEEDINGS



September 6 - 9, 2011
Klatovy, Czech Republic

electrOscope

Web pages: <http://electroscope.zcu.cz/>

Online electrical journal on electrical engineering published by Department of Technologies and Measurement, Faculty of Electrical Engineering, UWB in Pilsen

Hermes

Web pages: <http://hpfem.org/main/hermes.php>

Hermes is a free C++/Python library for rapid prototyping of adaptive FEM and hp-FEM solvers developed by an open source community around the hp-FEM group at the University of Nevada, Reno. The library has a clean design and modular structure, and it is available under the GPL license (Version 2, 1991).

Agros2D

Web pages: <http://agros2d.org/>

Agros2D is a multiplatform C++ application for the solution of partial differential equations (PDE) based on the Herme2D library.

ISBN 978-80-7043-993-7

Published by University of West Bohemia, Pilsen
Department of Theory of Electrical Engineering

Contributions were not reviewed
Correctness and accuracy is responsibility of authors



UNIVERSITY
OF WEST BOHEMIA

AMTEE'11

Tenth International Conference on
**Advanced Methods
in the Theory of Electrical Engineering**



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Welcome Address

by the Scientific Committee of the Conference

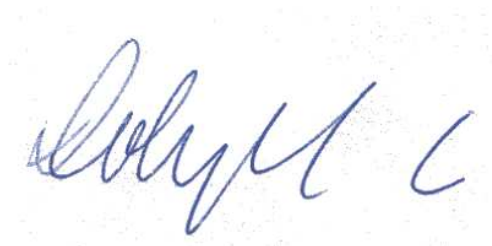
On behalf of the Scientific Committee I would like to cordially welcome you to the tenth AMTEE Conference that takes place in Klatovy, a significant historical town of the West Bohemia region.

History of the AMTEE Conference (Advanced Methods of Theory of Electrical Engineering) began in 1993; since then nine sessions were held almost regularly in two-year intervals. At the very beginning, mostly the domestic participants and participants from few surrounding countries took part there, but in the course of time the Conference gradually gained its international reputation. We hope that even the tenth meeting will create a bridge among scientists, academicians, engineers and all those who are interested or work in the field of the Conference topics. We would like to establish a good forum for international exchange on the contemporary and future development in the domain of Theory of Electrical Engineering and associated disciplines.

Beside the scientific program, AMTEE 2011 is supposed to provide time enough for finding new personal contacts, friendships and, of course, for discussions. Therefore, social meetings are also planned such as an evening party and an interesting trip.

It was our great pleasure to invite you to this event, where professional interests will be combined with a rich social program. We wish you cordially a pleasant stay in Klatovy and good return home.

On behalf of the Scientific Committee of the Conference
Ivo Doležel, chairman of the conference



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