



CIB NEWS ARTICLE

International Council for Research and Innovation
in Building and Construction

Providing a global network for international exchange and cooperation in research and innovation in building and construction, in support of an improved building process and of improved performance of the built environment.

September 2007

CIB Encouraged Journals

Computer-Aided Civil and Infrastructure Engineering (CACAE)

Special Issue – Call for Papers: “Computational Intelligence in Structural Engineering and Mechanics”

25% Reduction for CIB Members on a New Personal Subscription



by

Prof Hojjat Adeli, Editor in Chief

Introduction

The CIB Encouraged journal Computer-Aided Civil and Infrastructure Engineering is a scholarly and rigorously peer-reviewed archival research journal intended to act as a bridge between advances being made in computer and information technologies and civil and infrastructure engineering. It provides a unique forum for publication of original articles on novel computational techniques and innovative applications of computers. The journal focuses on recent advances in computer and information technologies and fosters the development and application of new and emerging computing paradigms and technologies.

Scope

The scope of the journal includes bridge, construction, environmental, highway, geotechnical, structural, transportation, water resources engineering, and management of infrastructure systems such as highways, bridges, pavements, airports, and utilities.

Areas covered by the journal include (but are not limited to) artificial intelligence, concurrent engineering, database management, distributed computing, evolutionary computing, fuzzy logic, genetic algorithms, geometric modeling, Internet-based technologies, knowledge discovery and engineering, machine learning, data mining, mobile



computing, multimedia technologies, networking, neural network computing, optimization and search, parallel processing, robotics, sensor technology, smart structures, virtual reality, and visualization techniques. The focus of the journal is on innovation and computation. Papers describing software development projects are not suitable.

Special Issue – Call for Papers

Guest edited by Professor Wolfgang Graf - Institute of Statics and Dynamics of Structures, Technische Universität Dresden - a special issue devoted to Computational Intelligence in Structural Engineering and Mechanics is planned to be published in the international journal Computer-Aided Civil and Infrastructure Engineering (CACAIIE) in 2008.

Topics of particular interest include but are not limited to artificial neural networks, fuzzy models, evolutionary computation, soft computing methods, wavelets, reliability based design, reasoning under uncertainty, prognosis methods, health monitoring, and lifetime orientated design. Papers on all modes of computational intelligence in structural engineering and mechanics are welcome.

We are primarily interested in original research papers describing novel computational algorithms, models, and methodologies. Papers describing computer programs or software systems are not suitable. Straightforward applications of widely used methods such as the back propagation neural networks are also not suitable. Each paper will be peer-reviewed by at least three referees anonymously.

Please inform the guest editors and the editor-in-chief about your intention to submit a manuscript for possible publication in the special issue as soon as possible latest by December 1, 2007.

Contact

Prof. Wolfgang Graf (Guest Editor)
Institute of Statics and Dynamics of Structures
Technische Universität Dresden
01062 Dresden, Germany
Tel: +49.351.4633 4172
Fax: +49.351.4633 7086
Email: wolfgang.graf@tu-dresden.de

Prof. Hojjat Adeli, Editor-in-Chief, CACAIE
Dept. of Civil and Environmental Engineering and
Geodetic Science, The Ohio State University
470 Hitchcock Hall, 2070 Neil Avenue
Columbus, Ohio 43210, U.S.A.
Email: Adeli.1@osu.edu

Journal Information

Publisher: Blackwell Publishing

Print ISSN: 1093-9687

Online ISSN: 1467-8667

Frequency: Eight times a year

Current Volume: 22 / 2007

ISI Journal Citation Reports® Ranking: 2006: 29/83
(Engineering, Civil); 58/87 (Computer Science,
Interdisciplinary)

Impact Factor: 0.652

URL:

www.blackwellpublishing.com/journal.asp?ref=1093-9687

Subscription Information

For 2007 and 2008 subscription information and how to subscribe, please see:

www.blackwellpublishing.com/subs.asp?ref=1093-9687&site=1

For new personal subscriptions, CIB Members are offered a **25% reduction**.

		Rest of World (£)	Europe (€)	The Americas (\$)
2007	Personal price	113	170	129
	CIB 25% discount	85	128	97
2008	Personal price	119	179	135
	CIB 25% discount	89	134	101

In case you and your library do not subscribe to the journal we urge you to familiarize yourself with the scope of the journal. You can request a sample copy of CACAIE from Blackwell Publishing at

subscrip@blackwellpub.com.

Phone +1-781-388-8200, Fax: +1-781-388-8232) or by clicking the "Free Sample Issue" link at

www.blackwell-synergy.com/loi/cacie.