

RECENT is a Registered Mark of Transilvania University of Brasov, Romania

Published by Transilvania University
Press, Brasov, Romania
[http://but.unitbv.ro/Editura/
editura@unitbv.ro](http://but.unitbv.ro/Editura/editura@unitbv.ro)

RECENT journal is scientifically sustained by
**Romanian Association for Nonconventional
Technologies**, Brasov Branch

Journal address:
St. Mihai Viteazul 5,
Brasov, 500174, Romania
Tel / Fax. 0268-477113
e-mail: recent@unitbv.ro
www.recentonline.ro

RECENT is an Open Access journal published under the terms of the Creative Commons CC BY-NC-ND 4.0 License. All articles are freely and permanently accessible online immediately upon publication, without subscription charges or registration barriers. Readers are allowed to read, download, copy, distribute, print, search, or link to the full texts of all articles. Individual authors hold copyright for all articles published in **RECENT** journal.

Editorial Board

Scientific Board

PhD.Assoc.Prof.Eng. António Gonçalves COELHO, Universidade Nova de Lisboa, Portugal

PhD.Prof.Eng. Lubomir DIMITROV, Technical University of Sofia, Bulgaria

PhD.Prof.Eng. Nicolae Valentin IVAN, Transilvania University of Brasov, Romania

PhD.Assoc.Prof.Eng. António MOURÃO, Universidade Nova de Lisboa, Portugal

PhD.Eng., Dipl. Phys. Hans-Peter SCHULZE, Otto von Guericke-Universität Magdeburg, Germany

PhD.Prof.Eng. Hassan SHIRVANI, Anglia Ruskin University, United Kingdom

PhD.Prof.Eng. Vadim ZHMUD, Novosibirsk State Technical University, Russia

Honorific Members

PhD.Prof.Eng. Ion VIȘA, Transilvania University of Brasov, Romania

Karl FEHRINGER, Editor in Chief of ERLAFTAL-BOTE, Austria

PhD.Prof.Eng. Vasile BEJAN, Transilvania University of Brasov, Romania

Technical Staff

PhD.Eng. Romeo CIOARĂ

PhD.Eng. Cristian PISARCIUC

PhD.Eng. Ioan MILOȘAN

PhD.Eng.Ec. Cătălin GHEORGHE

PhD.Eng. Flavius SÂRBU

PhD.Eng. Andrea DEACONESCU

PhD.Eng. Daniel MUNTEANU

Editor in Chief

Senior Editor

Scientific Secretary

Staff Secretary

Marketing & PR Management

Linguistic Administrator

Member