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# PRES'09

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**12<sup>th</sup> Conference on  
Process Integration, Modelling and Optimisation  
for Energy Saving and Pollution Reduction  
10 – 13 May 2009, Rome, Italy**

4<sup>th</sup> Joint event with



# PRES History

<b>1<sup>st</sup></b>	<b>PRES 1998</b>	<b>Prague, CZ</b>
<b>2<sup>nd</sup></b>	<b>PRES'99</b>	<b>Budapest, HU</b>
<b>3<sup>rd</sup></b>	<b>PRES 2000</b>	<b>Prague, CZ</b>
<b>4<sup>th</sup></b>	<b>PRES'01</b>	<b>Florence, IT</b>
<b>5<sup>th</sup></b>	<b>PRES 2002</b>	<b>Prague, CZ</b>
<b>6<sup>th</sup></b>	<b>PRES'03</b>	<b>Hamilton, Ontario, CA</b>
<b>7<sup>th</sup></b>	<b>PRES 2004</b>	<b>Prague, CZ</b>
<b>8<sup>th</sup></b>	<b>PRES'05</b>	<b>Taormina, Sicily, IT</b>
<b>9<sup>th</sup></b>	<b>PRES 2006</b>	<b>Prague, CZ</b>
<b>10<sup>th</sup></b>	<b>PRES'07</b>	<b>Ischia, Naples, IT</b>
<b>11<sup>th</sup></b>	<b>PRES 2008</b>	<b>Prague, CZ</b>
<b>12<sup>th</sup> PRES 2009</b>		
<b>13<sup>th</sup></b>	<b>PRES 2010</b>	<b>Prague, CZ</b>



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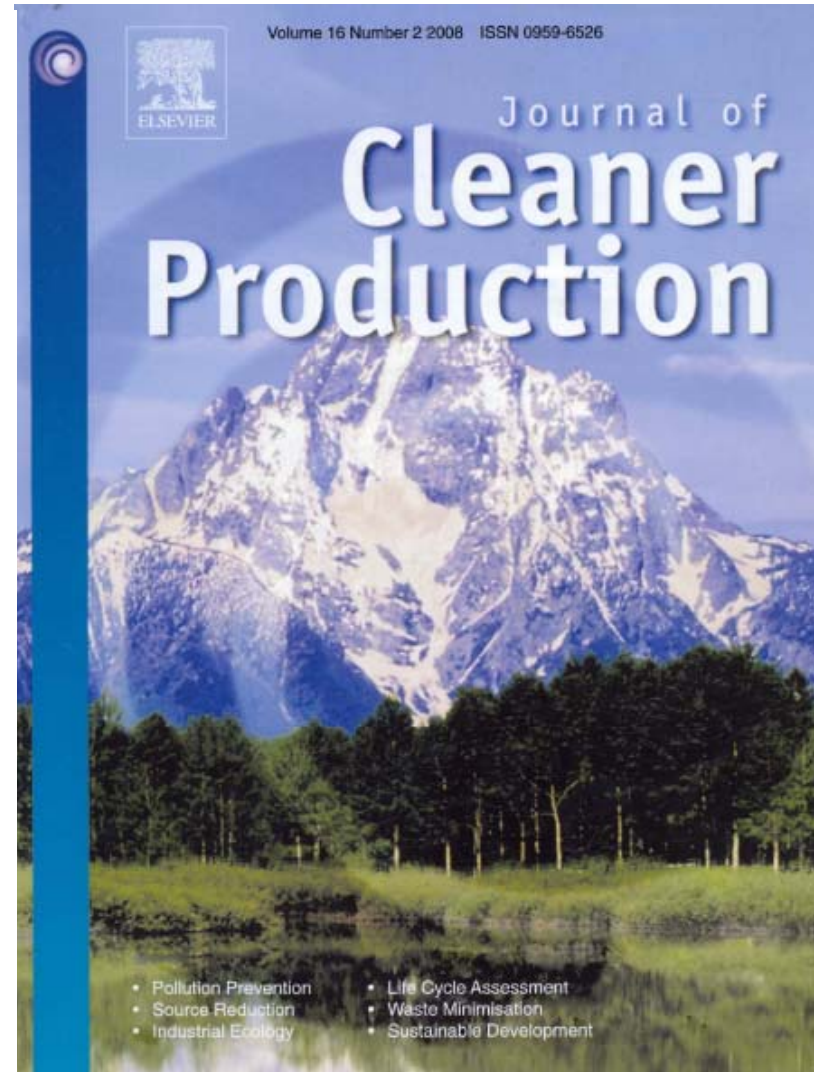
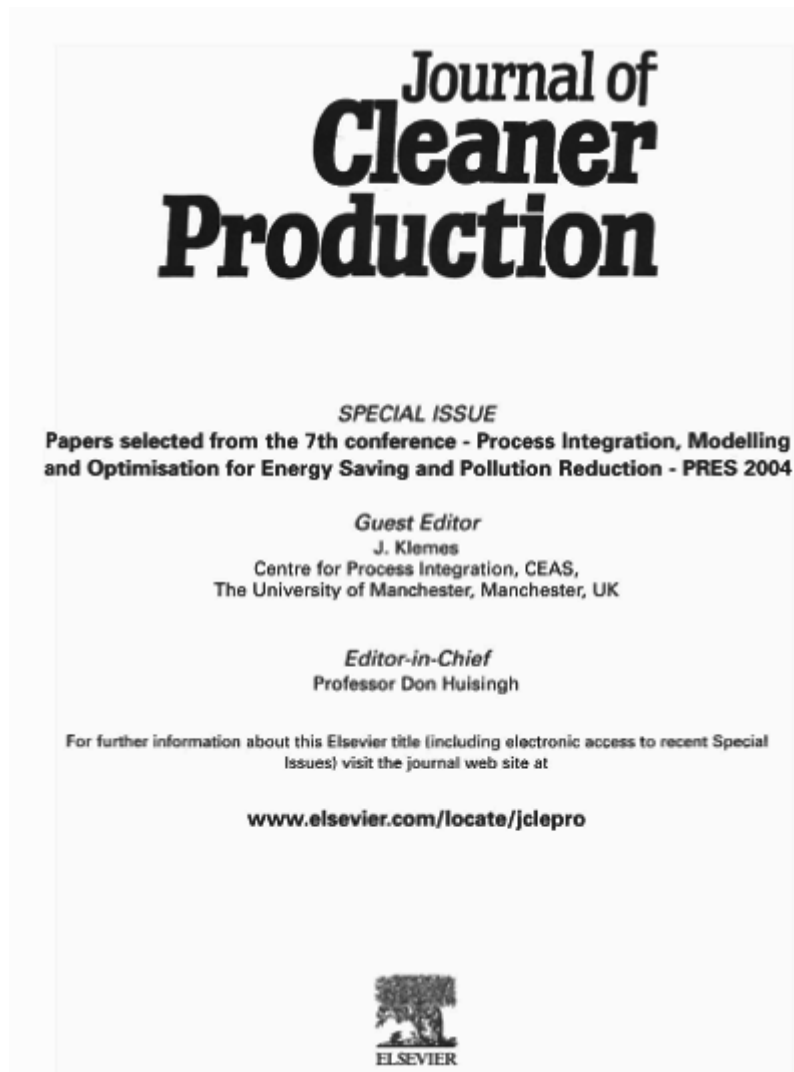
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# Publication Policy

Selected papers will appear in full size in the special issues of the following journals:



# Publication Policy

Selected papers will appear in full size in the special issues of the following journals:

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Volume 10 - Number 2 - May 2008

**Special Issue**  
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International Journal of Sustainable Resource  
Management and Environmental Efficiency

Volume 50, Issue 2

April 2007

*Appropriate articles are abstracted/indexed in: BIOSIS Database; Cambridge Scientific Abstracts; Chemical Abstracts; Chemical Engineering Abstracts; Coal Abstracts; Coal Data Base (IEA); Computer Contents; Current Awareness in Biological Sciences (CABS); Current Contents/Agriculture, Biology and Environmental Sciences; Current Contents/Engineering and Technology; EIC Intelligence; Energy Information Abstracts (and Energyline); Engineered Materials Abstracts; Engineering Index; Environment Abstracts (and Environline); Environmental Health & Pollution Control; Environmental Periodicals Bibliography; Excerpta Medica (EMBASE); Environmental Health Section; GeoAbstracts; Materials Business Information; Metals Abstracts; PASCAL/ CNRS Database; Waste Management Information Bulletin; World Aluminium Abstracts.*

**Special Issue: Sustainable Processes thorough LCA, Process Integration and Optimal Design**

### Editorial

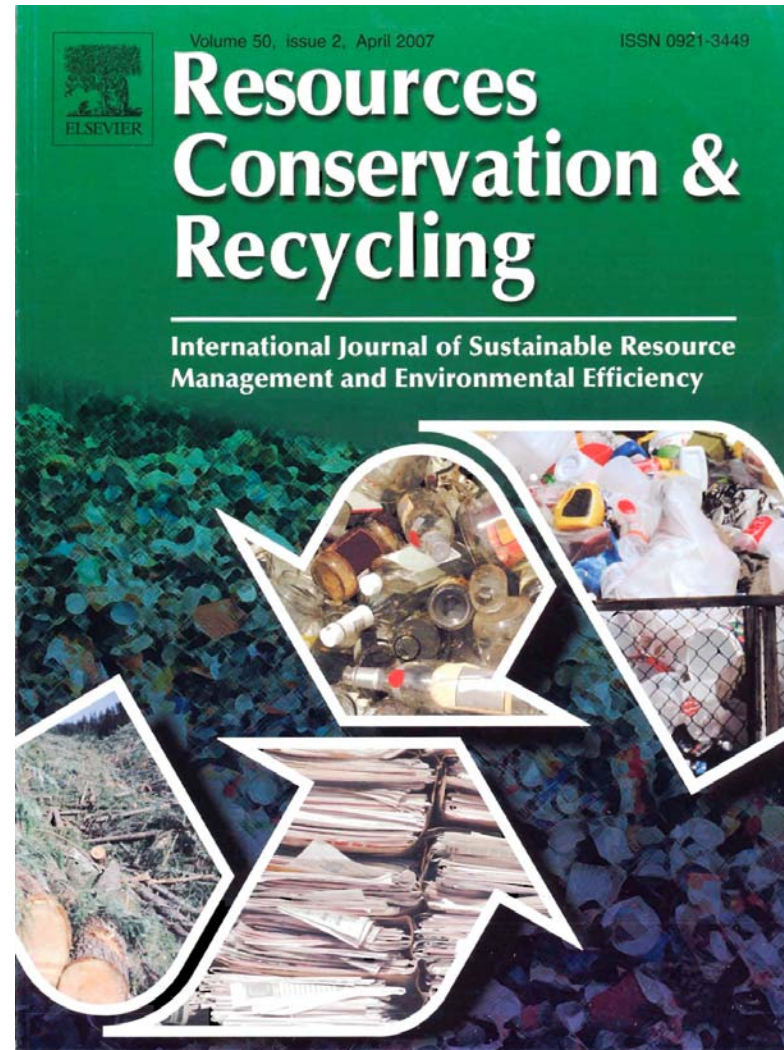
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Special Issue

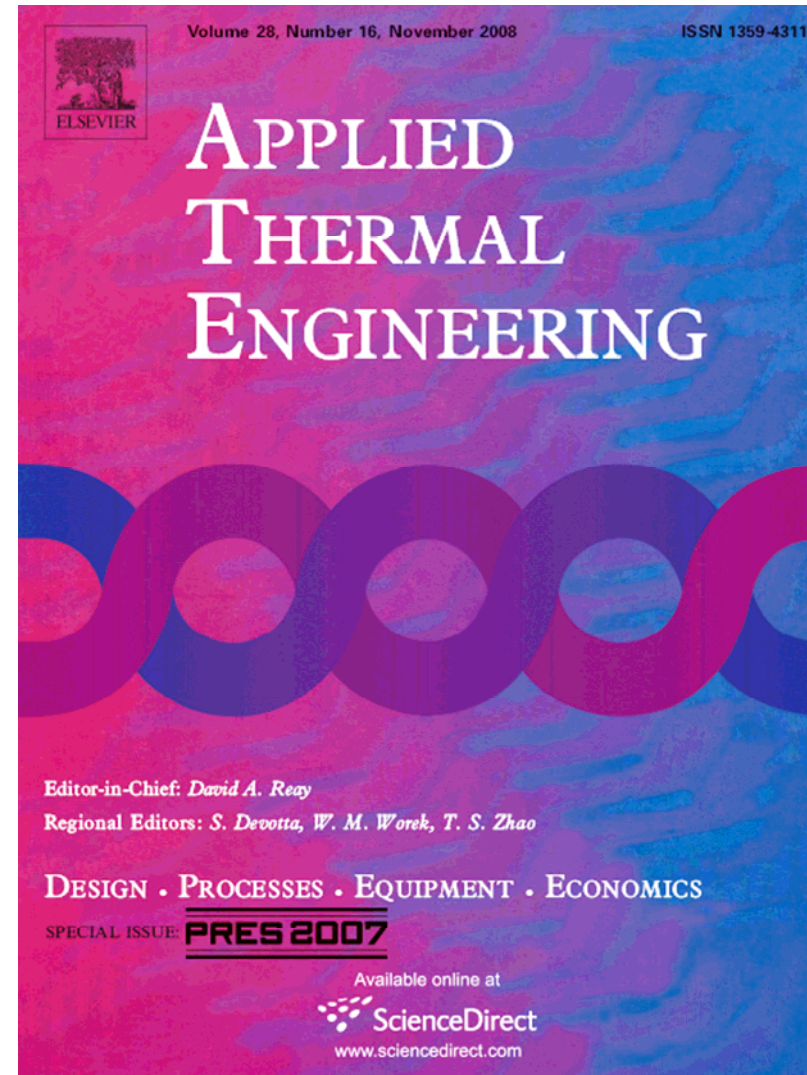
Selected Papers from the 10th Conference on  
Process Integration, Modelling and Optimisation  
for Energy Saving and Pollution Reduction

**PRES 2007**

Guest Editors

Jiří Klemeš  
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Editor-in-Chief: *David A. Reay*



# Publication Policy

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Volume 29 Number 6 2008



## heat transfer engineering

AN INTERNATIONAL JOURNAL

ISSN 0145-7632 HTENG 29(6) 503-572 (2008)

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**Description of Cover Photo:**  
The cover shows a new burner testing facility operating at The Institute of Process and Environmental Engineering (Brno University of Technology, Czech Republic). This up-to-date facility with flexible length is designed for various types of burners, firing natural gas and liquid fuels. Maximum burner duty is up to approximately 2 MW, depending on flame shape. Measurement and control system is computer-based, providing safe and accurate operation control as well as automatic data collection. The overall experimental facility is configured in such a way that it enables testing various types of heat exchangers for hot gas applications. The figure shows top view of the facility, close-up photograph of an experimental low-NO<sub>x</sub> burner, and illustrative temperature contour plots from CFD low-NO<sub>x</sub> burner modeling. See the Editorial in this issue for more details.




01457632 (2008) 29 (6)

Volume 29 Number 6 June 2008



## heat transfer engineering

AN INTERNATIONAL JOURNAL

**Special Issue: Selected Papers Presented at the Ninth Conference on Process Integration, Modeling, and Optimization for Energy Saving and Pollution Reduction (PRES 2006), Held on 27-31 August 2006, Prague, Czech Republic**

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*Yong-Ho Kim, Joon-Ho Park, and Seung-Ho Yoon*





# **THE BEST POSTER COMPETITION**

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Posters are judged under the following criteria:

- Originality of the research
- Originality of the topic
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- Graphical quality
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The authors of the best three posters will receive a diploma and an invitation to prepare a full size manuscript for one of the Special Issues.

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**Thanking  
very much  
to the organisers**



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