



energies



Special Issue Reprint

Advances in Design, Modelling, and Applications of Heat Transfer Equipment

www.mdpi.com/books/reprint/2870

Edited by
Zdenek Jegla
Petr Stehlik

ISBN 978-3-03936-481-7 (Hardback)

ISBN 978-3-03936-482-4 (PDF)



Heat-transfer equipment, typically represented by, for example, heat exchangers, process furnaces, and steam boilers, is among the essential equipment used for production processes in a number of industries (e.g., chemical and petrochemical, food, pharmaceutical, power, aviation and space) as well as for processes and applications in the communal sphere (e.g., waste incineration plants, heating plants, laundries, hospitals, server rooms, agriculture applications). Increasing demands for economical and efficient heat energy management can only be met when not only the layout of the whole system but also the individual heat-transfer equipment and its details are designed according to state-of-the-art knowledge. The purpose of this Special Issue is to present the latest advances in designing, modeling, testing, and operating heat-transfer equipment, including unconventional and innovative designs of heat-transfer equipment and their applications.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/2870

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.